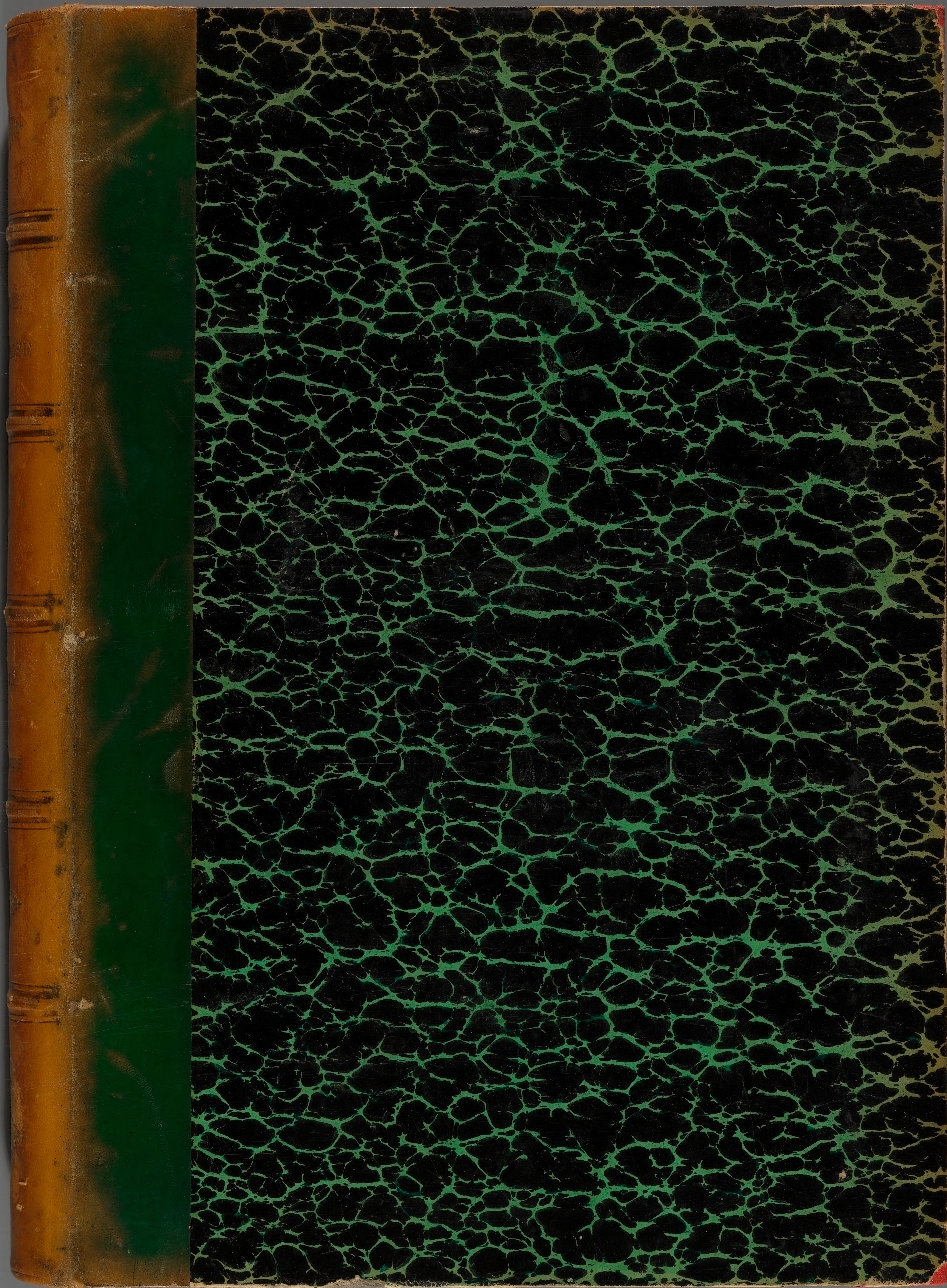




12

PROCÉDÉ DE REPRODUCTION DIT PHYTOXYGRAPHIQUE.

HERBIER

DE LA

FLORE FRANÇAISE

PAR

M. L. CUSIN,
AIDE-NATURALISTE AU JARDIN BOTANIQUE DE LYON.

M. E. ANSBERQUE,
VÉTÉRINAIRE MILITAIRE.

Publié sous le patronage du Service du Parc et des Jardins de la ville de Lyon.

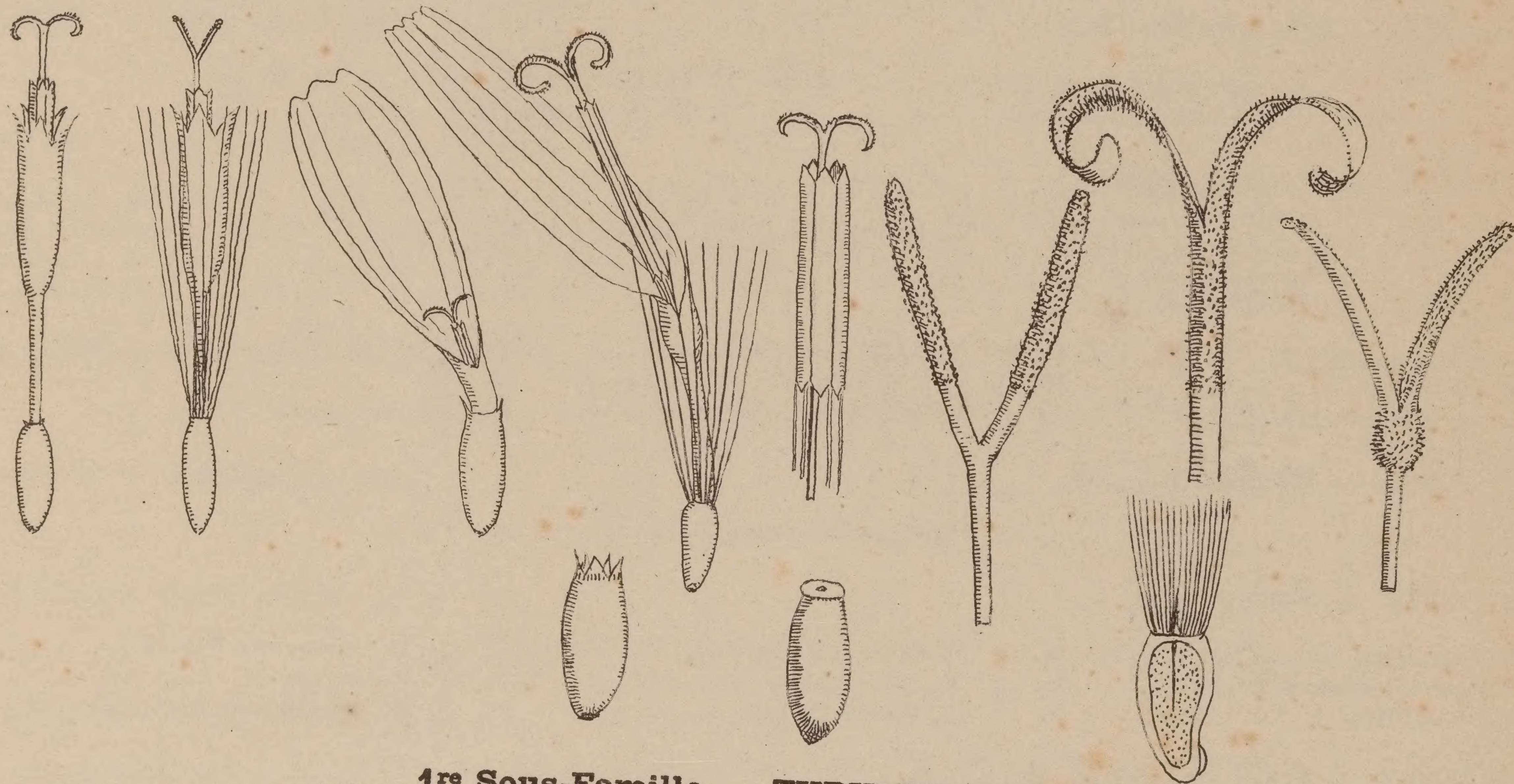
LYON

1873

Famille 66e. — COMPOSÉES.

Fleurs hermaphrodites, unisexuées ou neutres par avortement, réunies en capitule. Calice gamosépale, adhérent au capitel; à limbe, tantôt nul, tantôt membraneux, tantôt réduit à des écailles ou des poils. Corolle gamopétale, tantôt régulière, tubuleuse, 4-5 dentée; tantôt irrégulière et prolongée en languette. Etamines 4-5, adhérente au tube de la corolle, à anthères soudées en tube. Capitel sec, indéhiscent, monosperme, tantôt tronqué, tantôt prolongé en bec au sommet qui est nu ou surmonté par le limbe du calice; à 1 style bifide. Graine dressée; à embryon droit, sans albumen.

Plantes herbacées, à feuilles sans stipules.

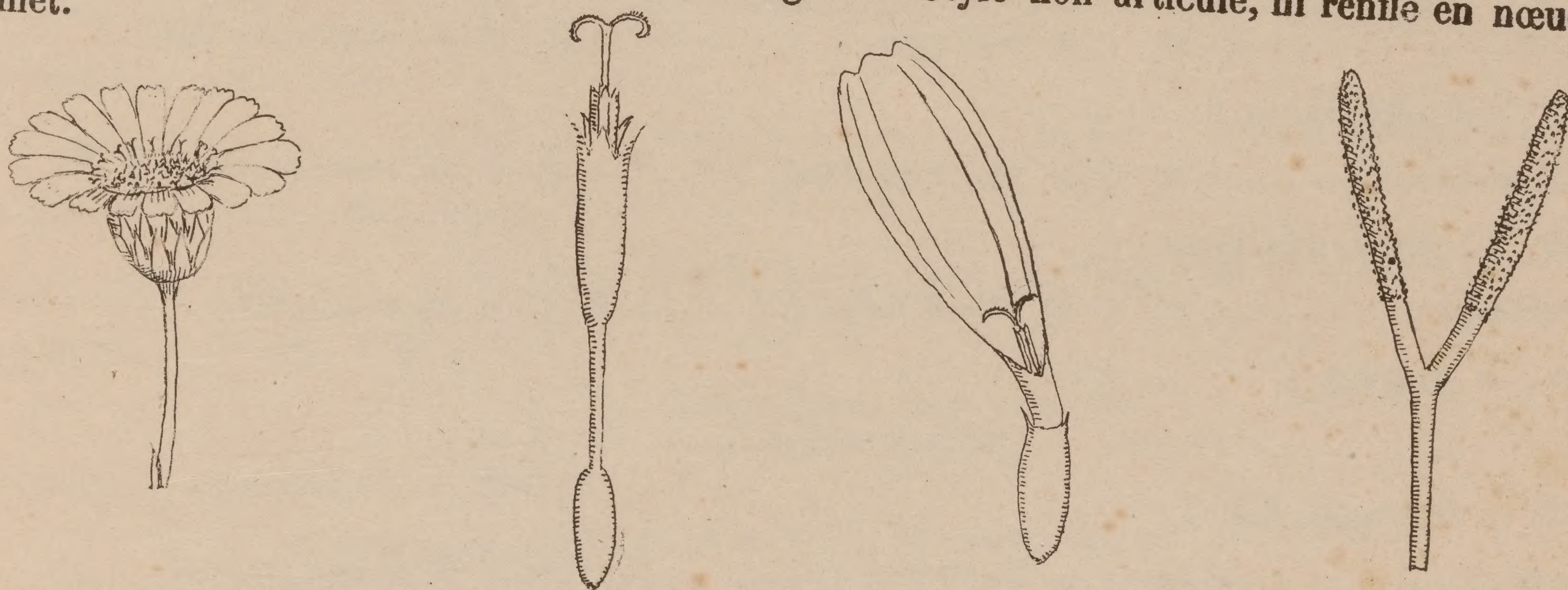


1re Sous-Famille. — TUBULIFLORES.

Capitules à fleurs, toutes ou au moins celles du centre régulières, à corolle tubuleuse et à 4-5 dents.

Ire Division. — CORYMBIFÈRES.

Fleurs du centre hermaphrodites, régulières, tubuleuses; celles de la circonférence femelles, parfois stériles; à corolle le plus souvent fendue en languette. Style non articulé, ni renflé en nœud vers le sommet.



1er GENRE. — **Eupatorium.** *L.*

E. cannabinum. *L*............ pl. 1. | **E. corsicum.** *Req*............ pl. 2.

2e GENRE. — **Adenostyles.** *Cass.*

A. albifrons. *Rchb*............ pl. 3. | **A. alpina.** *B et F*............ pl. 4 | **A. leucophylla.** *Rchb*......... pl. 5.

3e GENRE. — **Homogyne.** *Cass.*

H. alpina. *Cass*................ pl. 6.

4e GENRE. — **Petasites.** *Tourn.*

P. officinalis. *Mœnch*......... pl. 7, 8. | **P. niveus.** *Baum*........... pl. 11, 12.
P. albus. *Gærtn*.............. 9, 10. | **P. fragrans.** *Presl*......... 13.

5e GENRE. — **Tussilago.** *L.*

T. Farfara. *L*.............. pl. 14.

6e GENRE. — **Solidago.** *L.*

S. Virga-aurea *L*... pl. 15, 16, 17, 18. | **S. glabra.** *Desf*................ pl. 19. | **S. lithospermifolia.** *Willd*.. pl. 20.

7e GENRE. — **Linosyris.** *Lob.*

L. vulgaris. *D. C*............ pl. 21.

8e GENRE. — **Phagnalon.** *Cass.*

P. sordidum. *D. C*........... pl. 22. | **P. telonense.** *Jord*....... pl. 23 *bis*.
P. saxatile. *Cass*............ 23. | **P. Tenorii.** *Presl*............ 24.

9e GENRE. — **Conyza.** *Less.*

C. ambigua. *D. C*........... pl. 25.

10e GENRE. — **Erigeron.** *L.*

E. canadensis. *L*............. pl. 26. | **E. Villarsii.** *Bell*............. pl. 29. | **E. uniflorus.** *L*............... pl. 32.
E. acris. *L*..................... 27. | **E. alpinus.** *L*.................. 30.
E. dræbacensis. *Mill*........ 28. | **E. glabratus.** *Hopp*.......... 31.

11e GENRE. — **Stenactis.** *Nees.*

S. annua. *Nees*............. pl. 33.

12e GENRE. — **Aster.** *Nees.*

A. alpinus. *L*................. pl. 34. | **A. Tripolium.** *L*............ pl. 37. | **A. salignus.** *Vill*............. pl. 40.
A. pyrenæus. *D. C*........... 35. | **A. brumalis.** *Nees*............ 38. | **A. acris.** *L*...................... 41.
A. Amellus. *L*................. 36. | **A. Novi-Belgii** .... 39. | **A. trinervis.** *Desf*............ 42.

13e GENRE. — **Bellidiastrum.** *Mich.*

B. Michelii. *Cass*............. pl. 43.

14e GENRE. — **Bellium.** *L.*

B. bellidioides. *L*........... pl. 44.

15e GENRE. — **Bellis.** *L.*

B. annua. *L*................ pl. 45. | **B. perennis.** *L*............... pl. 46. | **B. sylvestris.** *Cyr*........... pl. 47.

16e GENRE. — **Doronicum.** *L.*

D. plantagineum. *L*......... pl. 48. | **D. Pardalianches.** *Vill*...... pl. 49. | **D. austriacum.** *Jacq*........... pl. 50.

17e GENRE. — **Aronicum.** *Neck.*

A. corsicum. *D. C*........... pl. 51. | **A. Doronicum.** *Rchb*......... pl. 52. | **A. scorpioides.** *D. C*......... pl. 53.

18e GENRE. — **Arnica.** *L.*

A. montana. *L*............... pl. 54.

19e GENRE. — **Senecio.** *Less.*

S. vulgaris. *L*................ pl. 55.
S. viscosus. *L*................ 56.
S. sylvaticus. *L*.............. 57.
S. lividus. *L*.................. 58.
S. leucanthemifolius. *Poir*. 59.
S. crassifolius. *Willd*........ 60.
S. gallicus. *Chaix*............ 61.
S. adonidifolius. *Lois*........ 62.
S. aquaticus. *Huds*........... 63.
S. erraticus. *Bert*............ 64.
S. Jacobæa. *L*................ pl. 65.
S. flosculosus. *Jord*.......... 66.
S. erucifolius. *L*.............. 67.
S. Cineraria. *D. C*............ 68.
S. leucophyllus. *D. C*........ 69.
S. incanus. *L*.................. 70.
S. paludosus. *L*............... 71.
S. sarracenicus. *L*.......... 72, 73.
S. Jacquinianus. *Rchb*....... 74.
S. Cacaliaster. *Lamk*........ 75.
S. Doria. *L*.................... pl. 77.
S. Tournefortii. *Lap*. .... 78.
S. Doronicum. *L*.............. 79.
S. Gerardi. *G. G*.............. 79 *bis*.
S. alpinus. *Scop*............... 80.
S. spathulæfolius. *D. C*...... 81.
S. aurantiacus. *D. C*.......... 82.
S. pyrenaicus. *G. G*.......... 83.
S. palustris. *D. C*............. 85.

20e GENRE. — **Ligularia.** *Cass.*

L. sibirica. *L*................. pl. 86.

37e GENRE. — **Kerneria**. *Mœnch.*

K. bipinnata. *G. G.*......... pl. 174.

38e GENRE. — **Buphtalmum**. *L.*

B. salicifolium. *L.*......... pl. 175. | **B. grandiflorum.** *L.*......... pl. 176.

39e GENRE. — **Asteriscus**. *Tourn.*

A. maritimus. *Mœnch*....... pl. 177. | **A. aquaticus.** *Mœnch*....... pl. 178. | **A. spinosus.** *G. G.*............ pl. 179.

40e GENRE. — **Corvisartia**. *Mér.*

C. Helenium. *Mér*........... pl. 180.

41e GENRE. — **Inula**. *Gærtn.*

I. Conyza. *D. C.*............. pl. 181.
I. bifrons. *L.* .... 182.
I. spiræifolia. *L.*........... 183.
I. hirta. *L.*.................. 184.
I. salicina. *L.*............... pl. 185.
I. Vaillantii. *Vill.*........... 186.
I. critthmoides. *L*......... 187.
I. montana. *L.*.............. 188.
I. britanica. *L.*............. pl. 189.
I. helenioides. *D. C.*........ 190.

42e GENRE. — **Pulicaria**. *Gærtn.*

P. odora. *Rchb*.............. pl. 191.
P. dyssenterica. *Gærtn*..... 192.
P. vulgaris *Gærtn*........... pl. 193.
P. sicula. *Moris*.............. 194.

43e GENRE. — **Cupularia**. *G. G.*

C. graveolens *G. G.*....... pl. 195. | **C. viscosa.** *G. G.*............ pl. 196.

44e GENRE. — **Jasonia**. *D. C.*

J. glutinosa. *D. C.*......... pl. 197. | **J. tuberosa.** *D. C.*........... pl. 198.

45e GENRE. — **Helichrysum**. *D. C.*

H. arenarium. *D. C.*........ pl. 199.
H. decumbens. *Camb*....... 200.
H. Stæchas. *D. C.*.......... 201.
H. serotinum. *Boiss*......... 202.
H. angustifolium. *D. C.*.... 203.
H. microphyllum. *Camb*... 204.
H. fœtidum. *Cass*........... pl. 205.
H. frigidum. *Willd*.......... 206.

46e GENRE. — **Gnaphalium**. *Don.*

G. undulatum. *L.*........... pl. 207.
G. luteo-album. *L.*......... 208.
G. sylvaticum. *L.*........... pl. 209.
G. norvegicum. *Gunn*...... 210.
G. uliginosum. *L.*.......... pl. 211.
G. supinum. *L.*.............. 212.

47e GENRE. — **Antennaria**. *R. Br.*

A. corpatica. *B. et F.*....... pl. 213. | **A. dioica.** *Gærtn*............. pl. 214.

48e GENRE. — **Leontopodium**. *R. Br.*

L. alpinum. *Cass*............. pl. 215.

49e GENRE. — **Filago**. *Tourn.*

F. spathulata. *Presl*........ pl. 216.
F. germanica. *L.*............ 217.
F. eriocephala. *Guss*....... pl. 218.
F. arvensis. *L.*.............. 219.
F. neglecta. *D. C.*............ pl. 220.
F. minima. *Fries*............ 221.

50e GENRE. — **Logfia**. *Cass.*

L. subulata. *Cass*............ pl. 222.

51e GENRE. — **Micropus**. *L.*

M. erectus. *L.*............... pl. 223. | **M. bombycinus.** *Lag*....... pl. 224.

52e GENRE. — **Evax**. *Gærtn.*

E. pygmæa. *Pers*............ pl. 225. | **E. rotundata.** *Moris*......... pl. 226.

53e GENRE. — **Carpesium**. *L.*

C. cernuum. *L.*.............. pl. 227.

54e GENRE. — **Calendula**. *Neck.*

C. arvensis. *L.*.............. pl. 228.



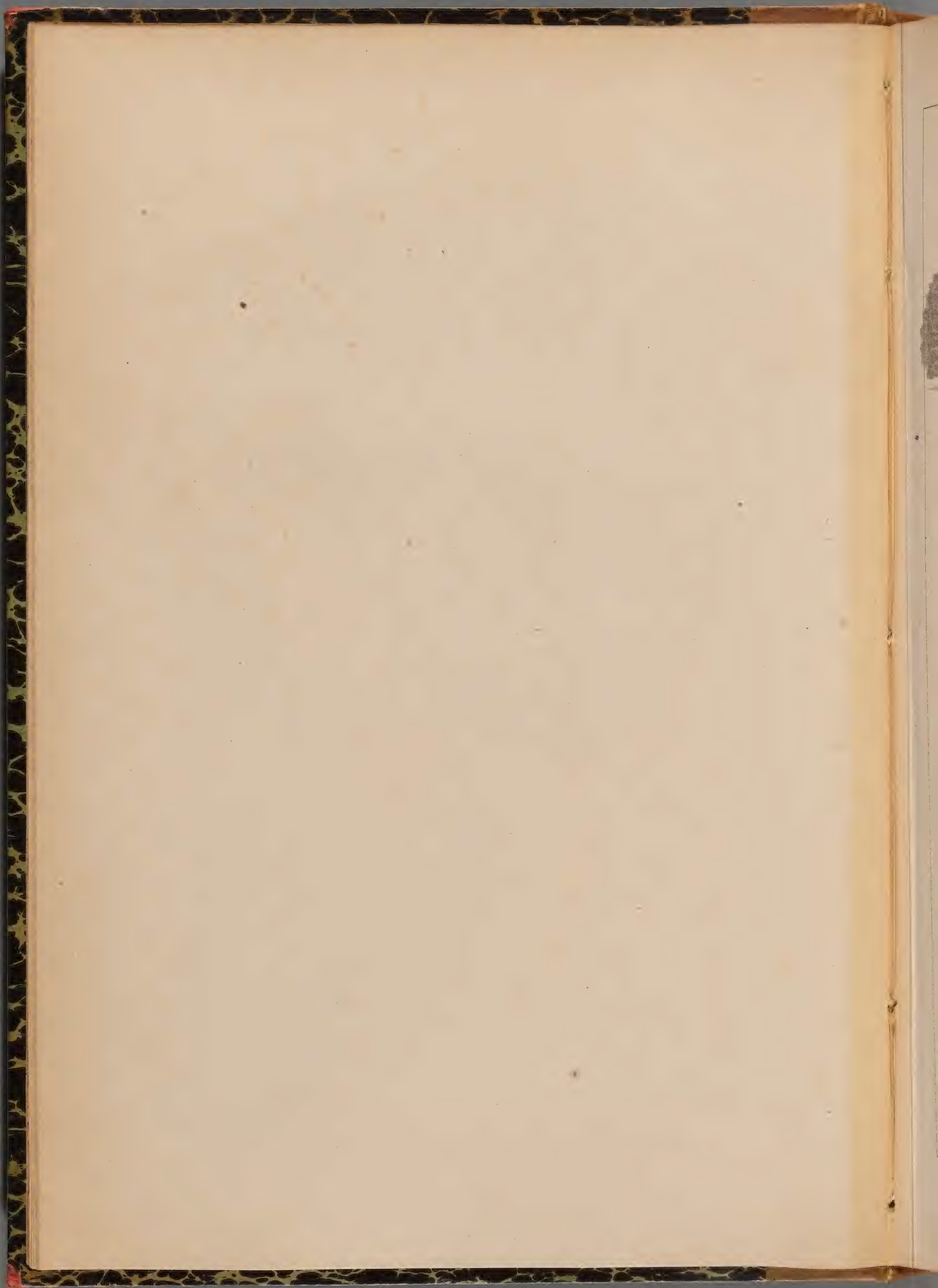
EUPATORIUM CANNABINUM. L. ♃



E. CORSICUM. REQ. ♃



ADENOSTYLES ALBIFRONS RCHB. ♃





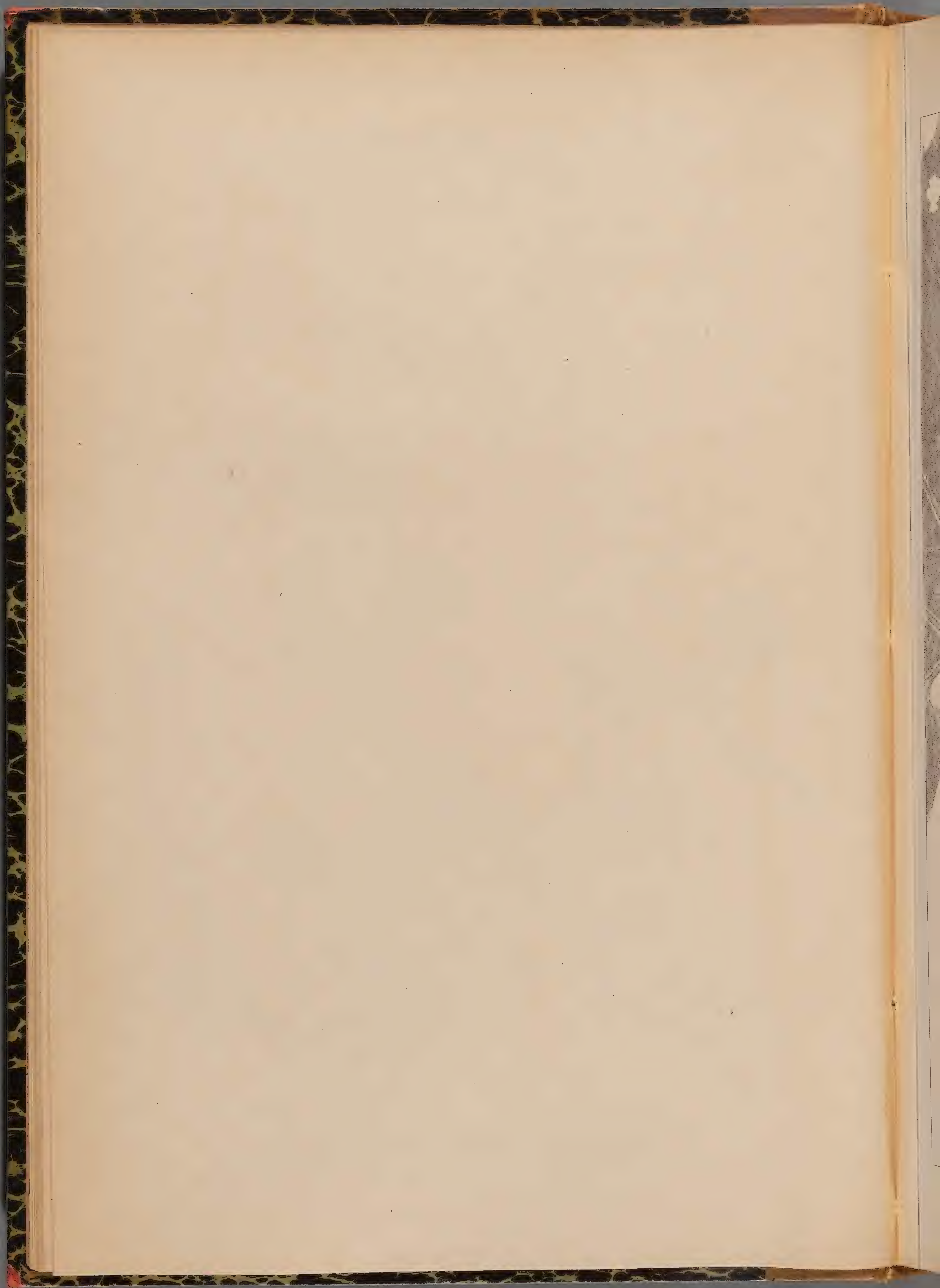
A. ALPINA. B. ET F. ♃



A. LEUCOPHYLLA. RCHB. ♃



HOMOGYNE ALPINA. CASS. ♃





Petasites officinalis. Mœnch. ♃



P. OFFICINALIS. MŒNCH. ♃



P. ALBUS GÆRTN. ♃



P. ALBUS. GÆRTN. ♃



P. NIVEUS. BAUMG. ♃



P. NIVEUS. BAUMG. ♃



P. FRAGRANS. PRESL. ♃



TUSSILAGO FARFARA. L. ♃



SOLIDAGO VIRGA-AUREA. L. ♃



S. VIRGA-AUREA. L ♃ Var. reticulata.



S. VIRGA-AUREA. L. ♃ Var. minuta.



S. VIRGA AUREA. L. ♃ *Var. nudiflora*.



S. GLABRA. DESF. ♃



S. LITHOSPERMIFOLIA. *Willd.* ♃



LINOSYRIS VULGARIS. D. C. ♃



PHAGNALON SORDIDUM. D.C. ♃



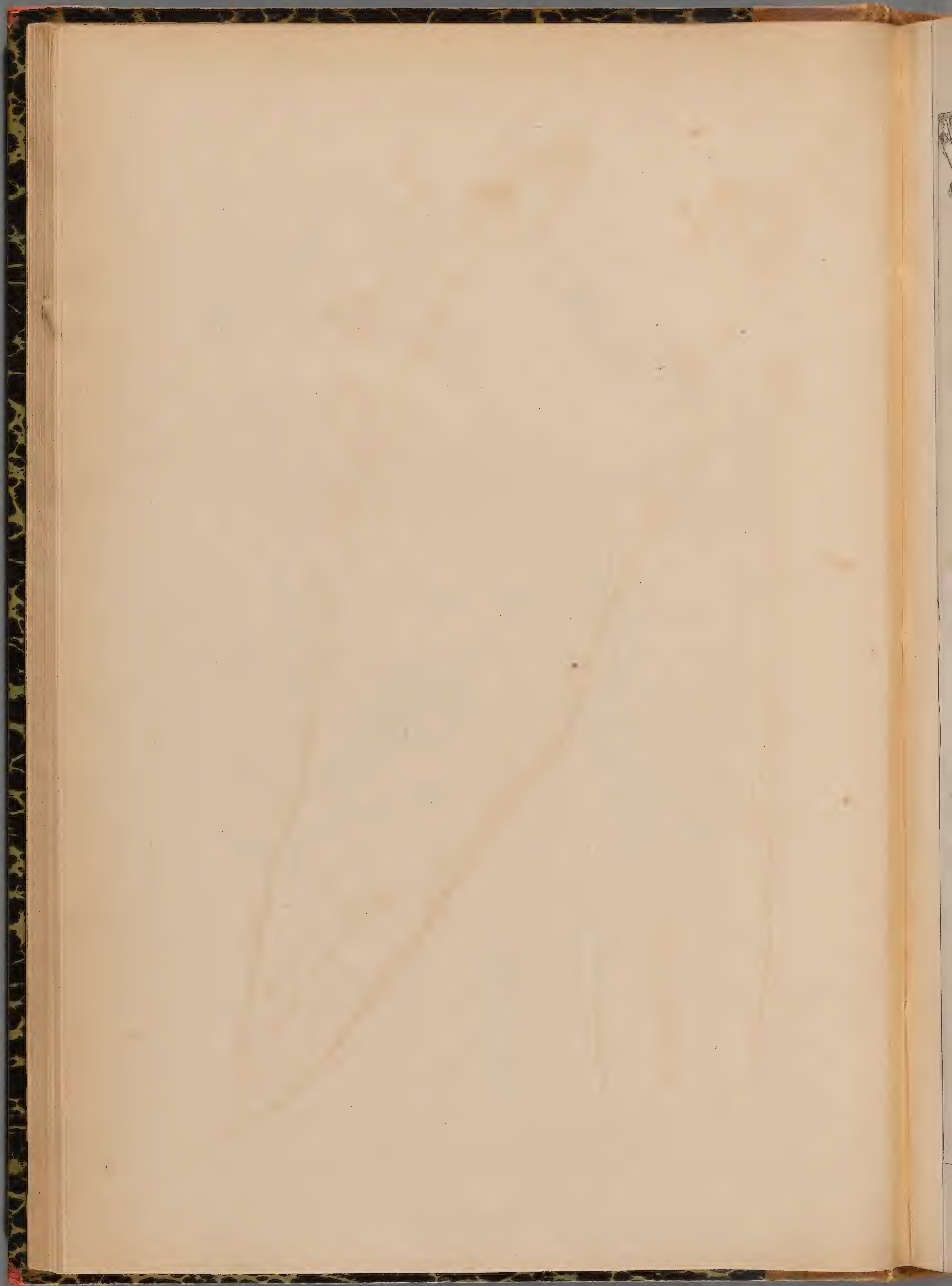
P. SAXATILE. CASS. ♃



P. TELONENSE. Jord. ♃



P. TENORII. PRESL. ♃





CONYZA AMBIGUA. D. C. ①



ERIGERON CANADENSIS. L. ①



E. ACRIS. L. ②



E. DRŒBACHENSIS. MILL. ②



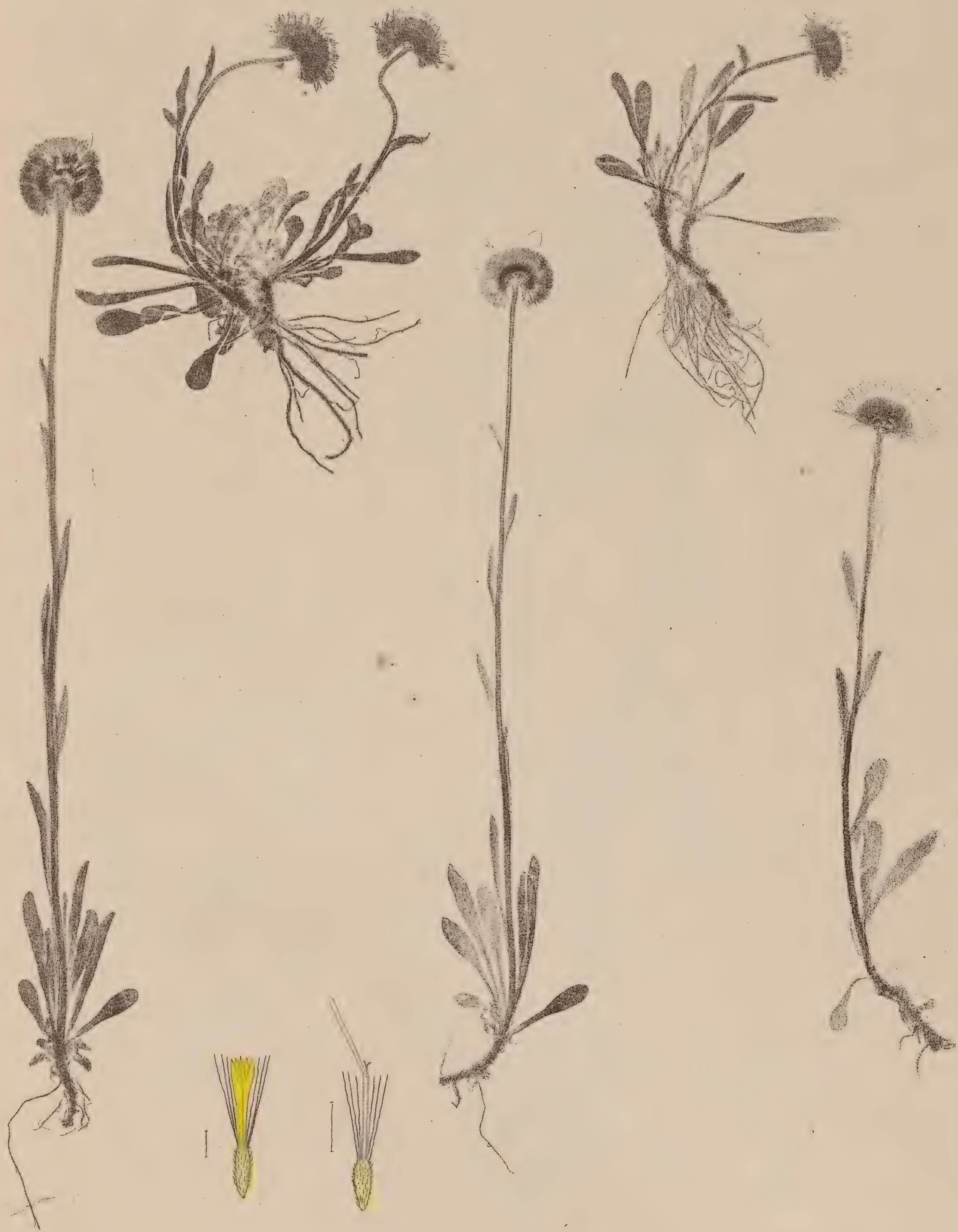
E. VILLARSII. BELL. ♃



E. ALPINUS. L. ♃



E. GLABRATUS. HOPP. ♃



E. UNIFLORUS. L. ♃



STENACTIS ANNUA. NEES. ①



ASTER ALPINUS L. ♃



A. PYRENÆUS. D. C. ♃



A. Amellus. L. ♃



A. Tripolium. L. ♃



A. BRUMALIS. NEES. ♃

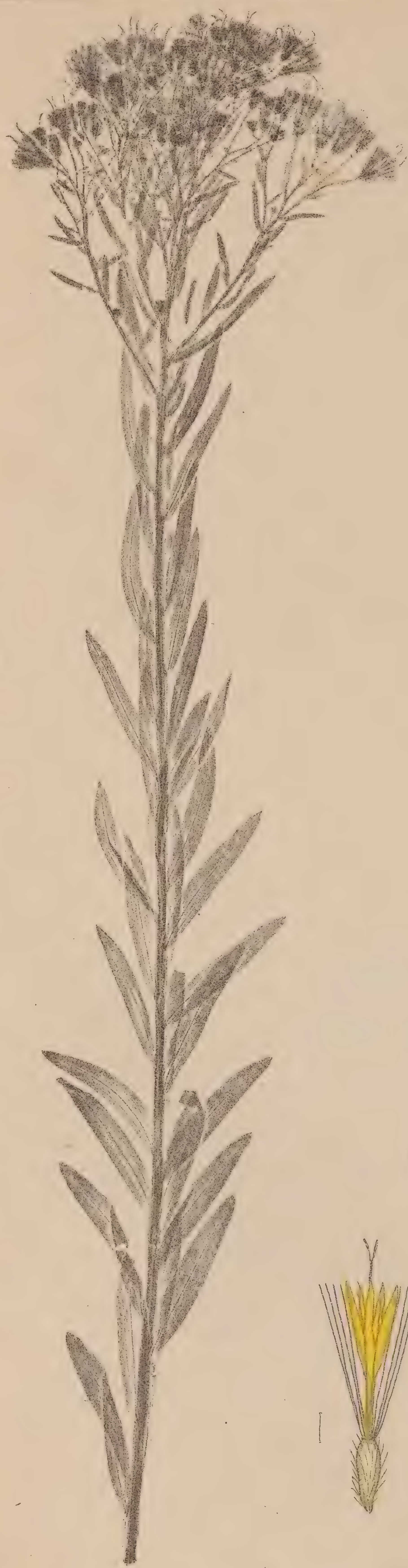

A. Novi-Belgii. L. ♃

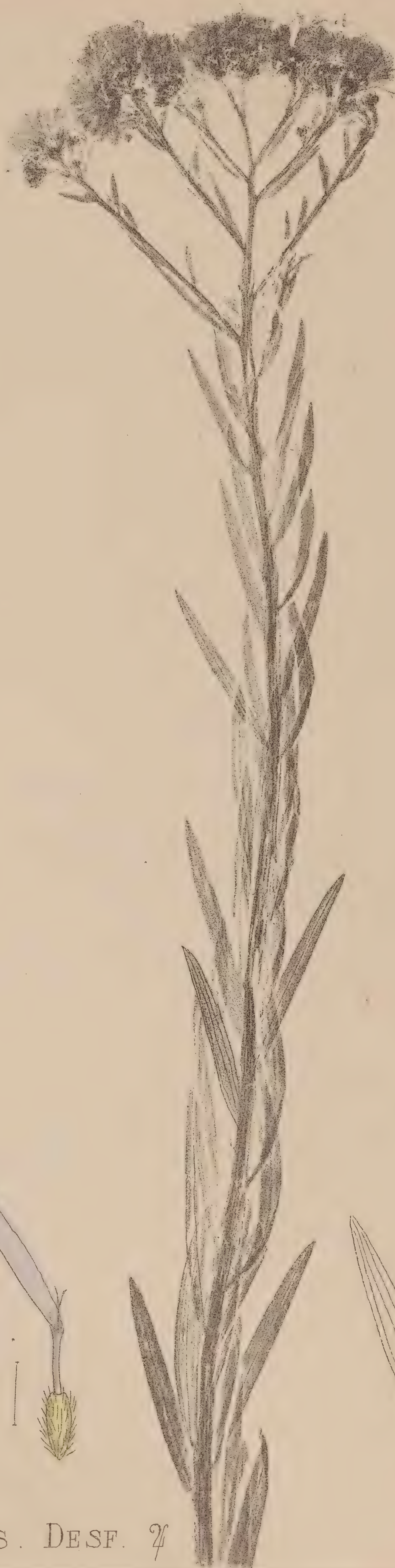


A. SALIGNUS. WILLD. ♃



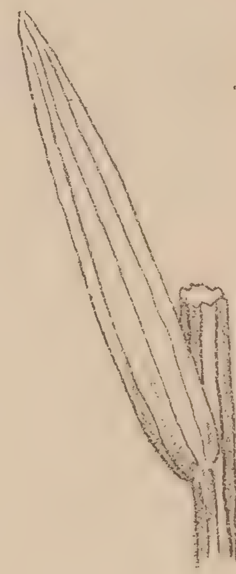
A. ACRIS . L. ♃











A. TRINERVIS. DESF. ♃



BELLIDIASRUM MICHELII. CASS. ♃



BELLIUM BELLIDIOIDES. L. ♃



BELLIS ANNUA. L. ①



B. PERENNIS L. ♃



B. SYLVESTRIS. CYR. ♃



Doronicum plantagineum. L. ♃



D. PARDALIANCHES. WILLD. ♃



D. AUSTRIACUM. JACQ. ♃



ARONICUM CORSICUM. D. C. ♀



A. DORONICUM. RCHB. ♃



A. SCORPIOIDES. D.C. ♃



ARNICA MONTANA. L. ♃



SENECIO VULGARIS. L. ①



S. VISCOSUS. L. ①



S. SYLVATICUS. L. ♃



S . LIVIDUS . L. ①



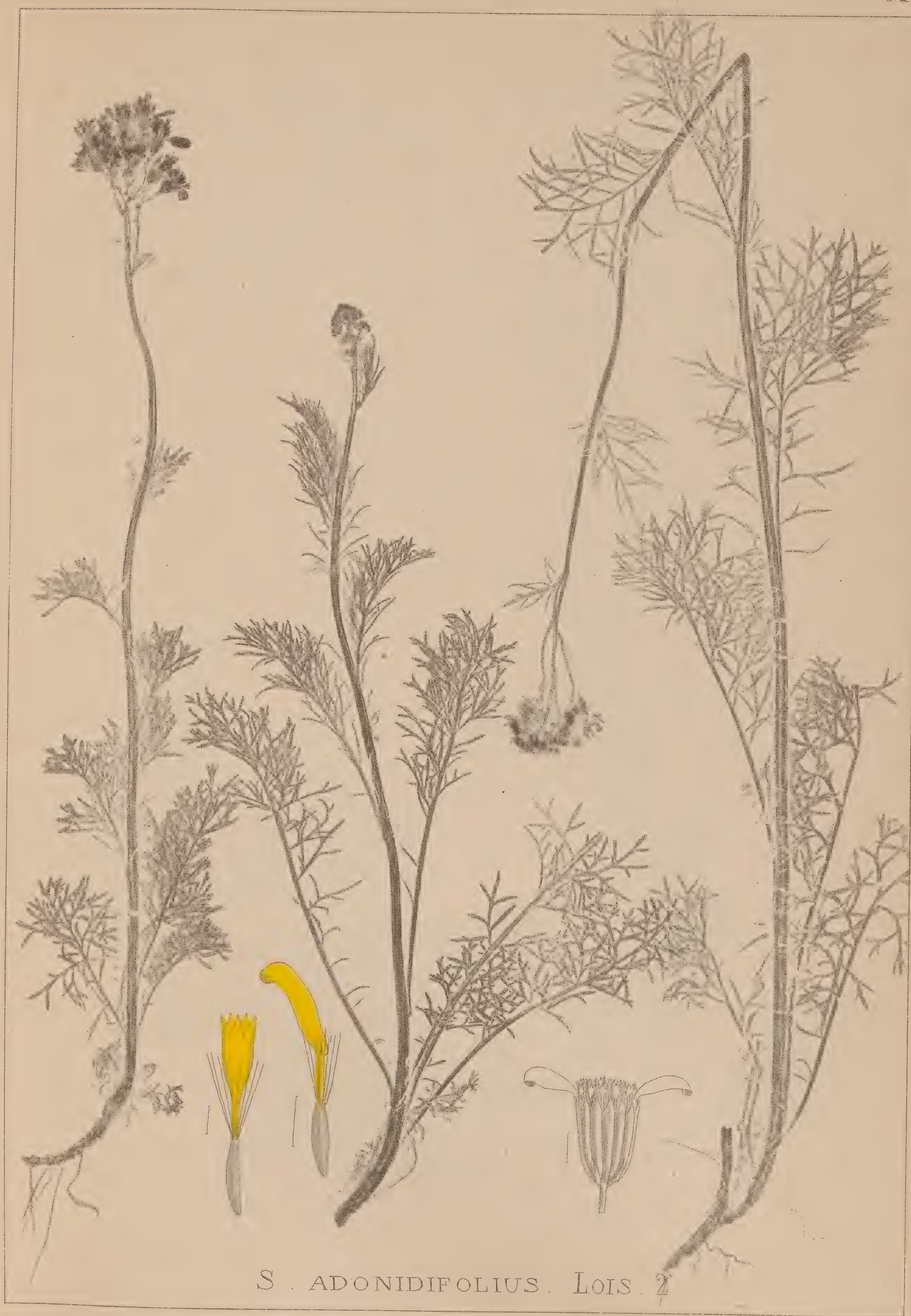
S. LEUCANTHEMIFOLIUS. Poir. ①



S. CRASSIFOLIUS. WILLD. ①



S. GALLICUS. CHAIX ⊙



S. ADONIDIFOLIUS. LOIS. ♃



S. AQUATICUS. HUDS. ②



S. ERRATICUS. BERTOL. ②



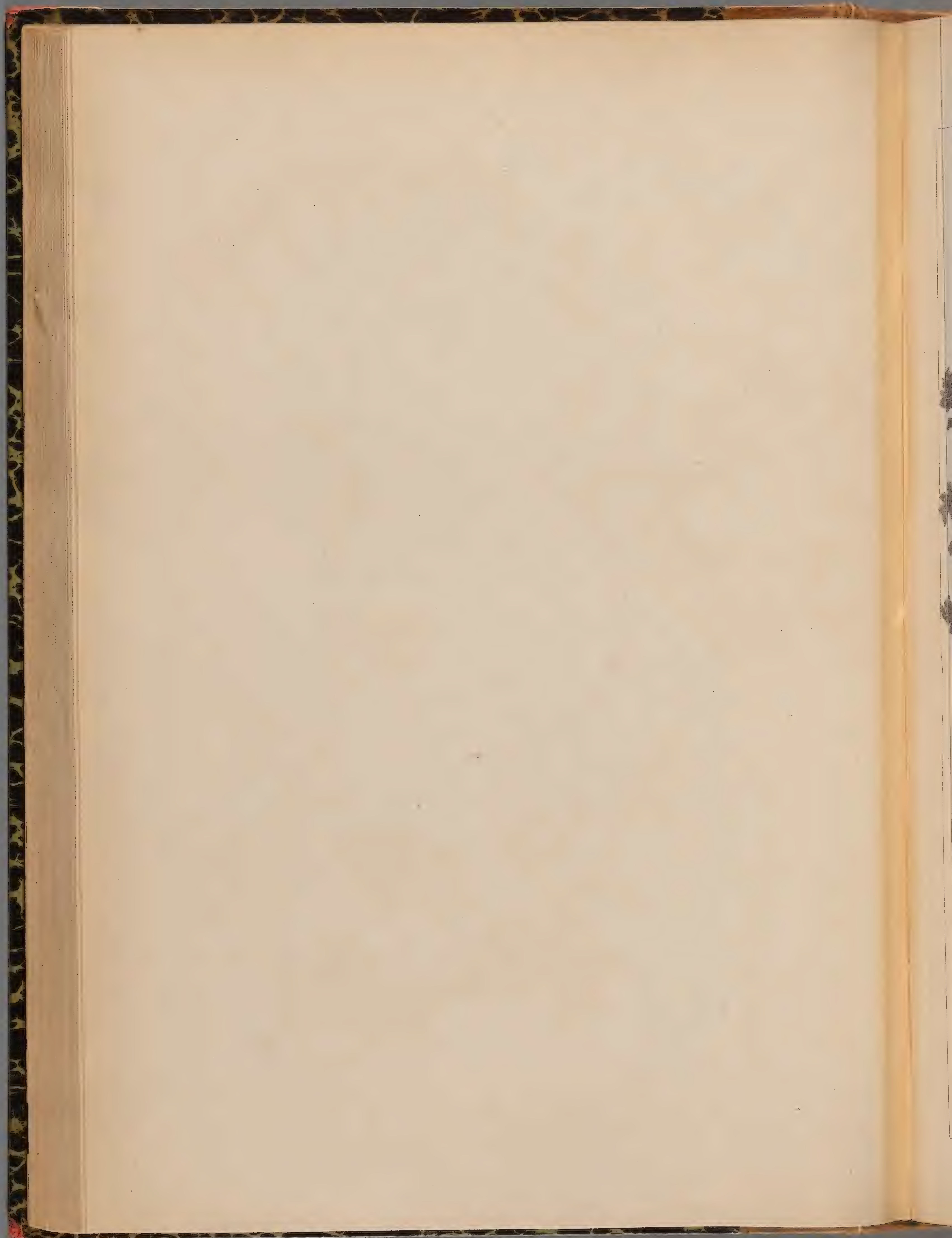
S. JACOBÆ L. ②



S. FLOSCULOSUS. JORD. ②



S. ERUCIFOLIUS. L. ♃





S. CINERARIA. D. C. 5



S. LEUCOPHYLLUS. D.C. ♃



S. INCANUS. L. ♃



S. PALUDOSUS. L. ♃



S. Saracenicus. L. ♃



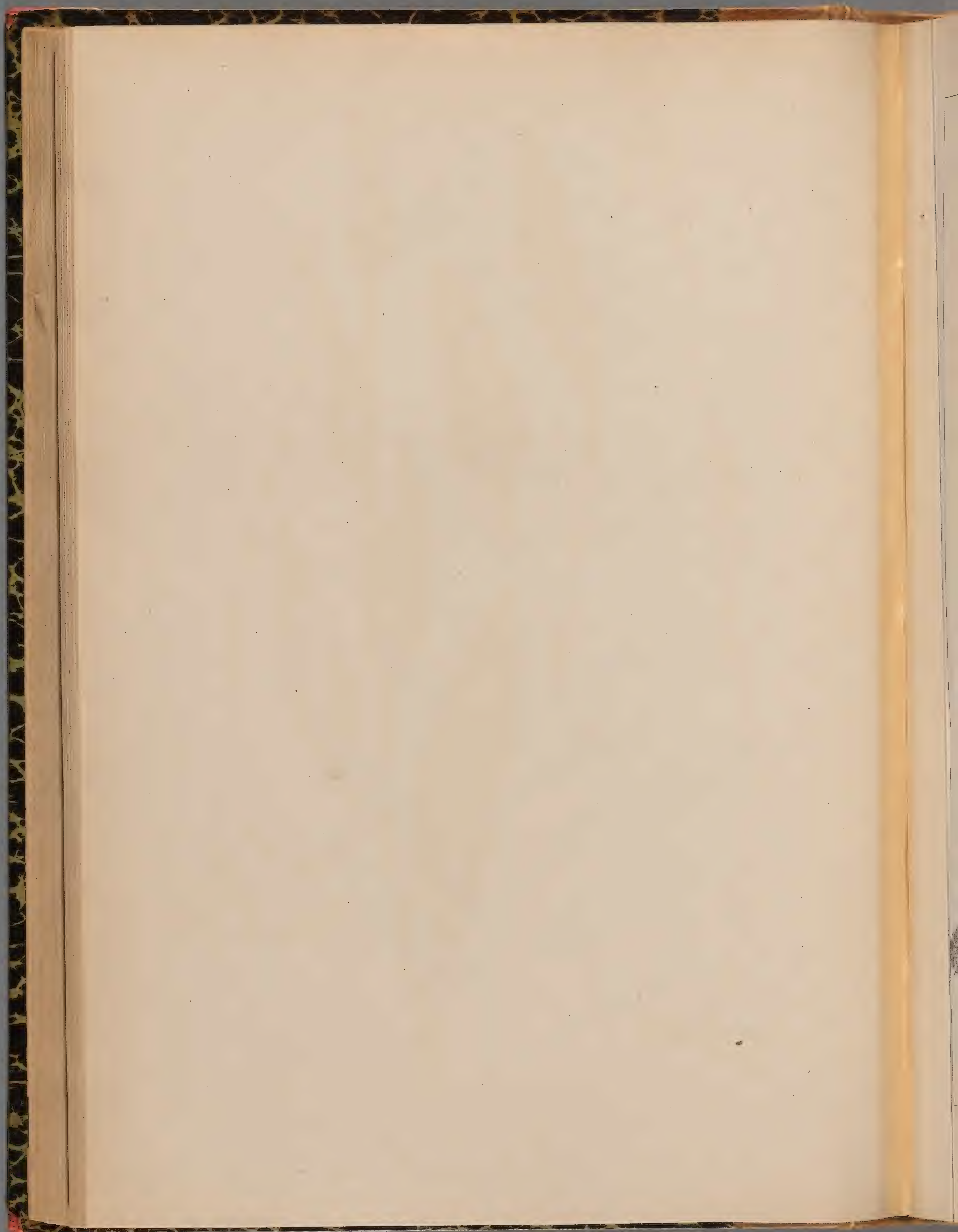
S. SARACENICUS L. ♃ Var. *angustifolia*.



S. Jacquinianus Rchb. ♃



S. CACALIASTER. LAMK. ♃



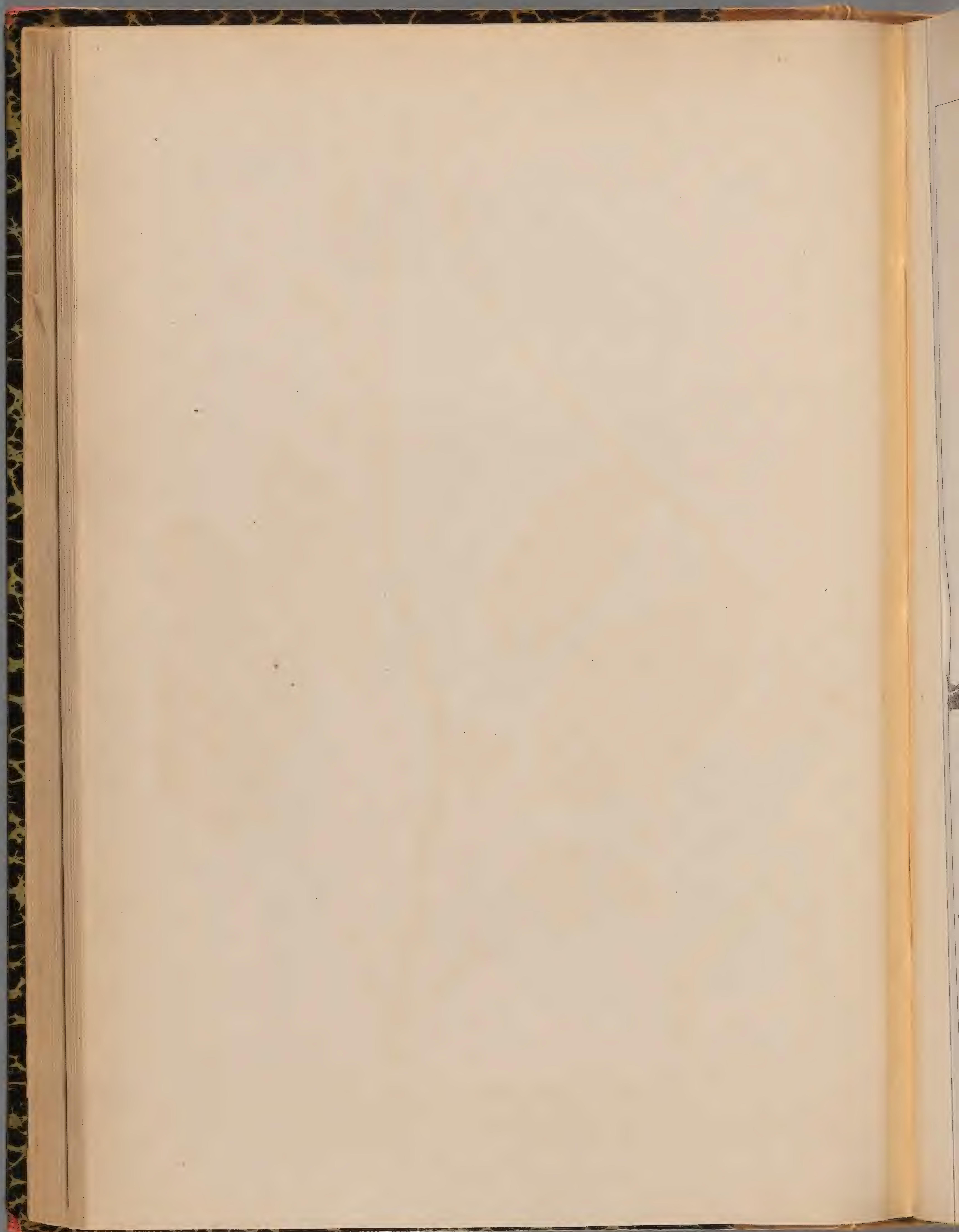


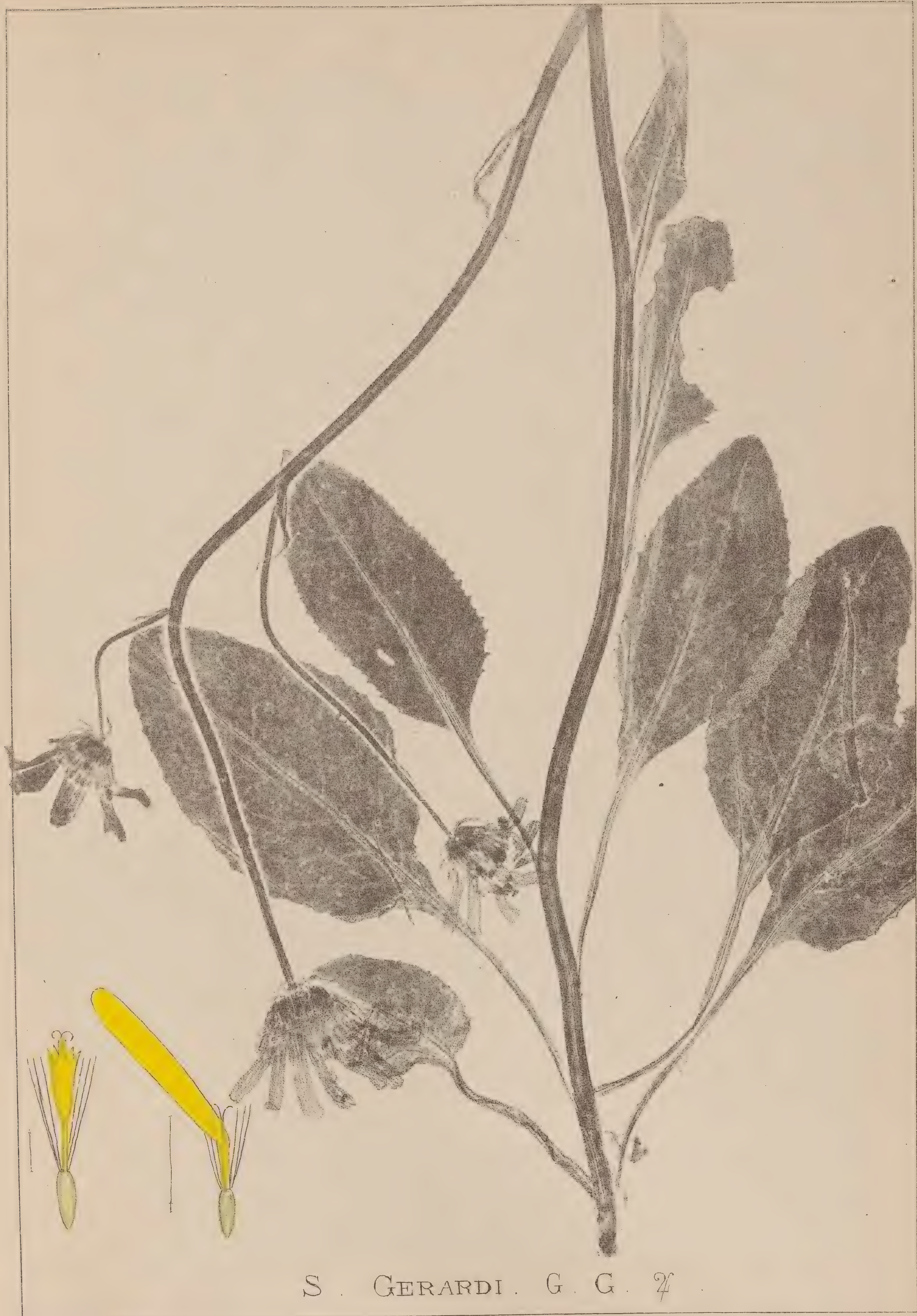
S. DORIA. L. ♃



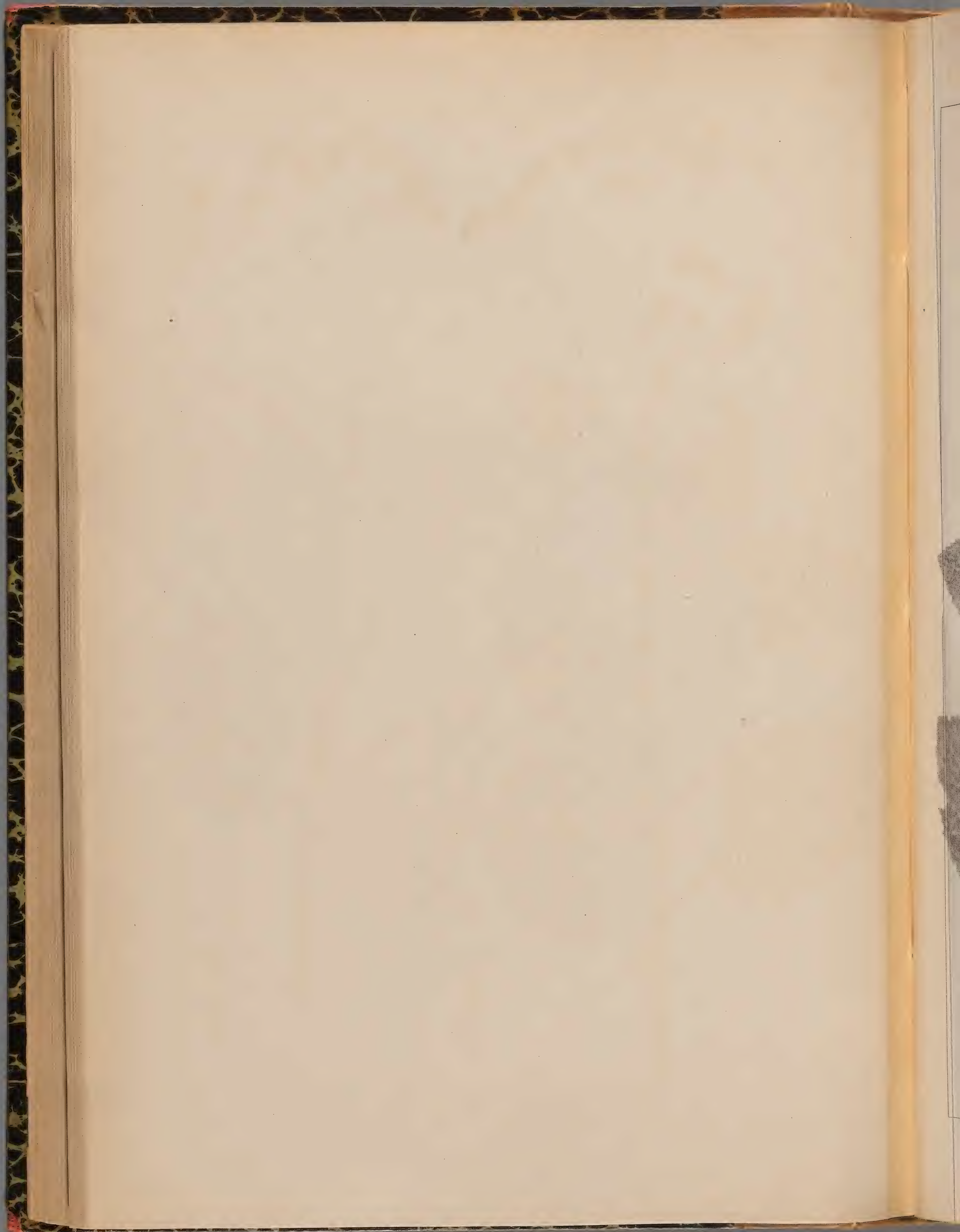
S. Tournefortii. Lap. ♃


S. Doronicum. L ♃





S. GERARDI. G. G. ♃





S. ALPINUS. Scop. ♃



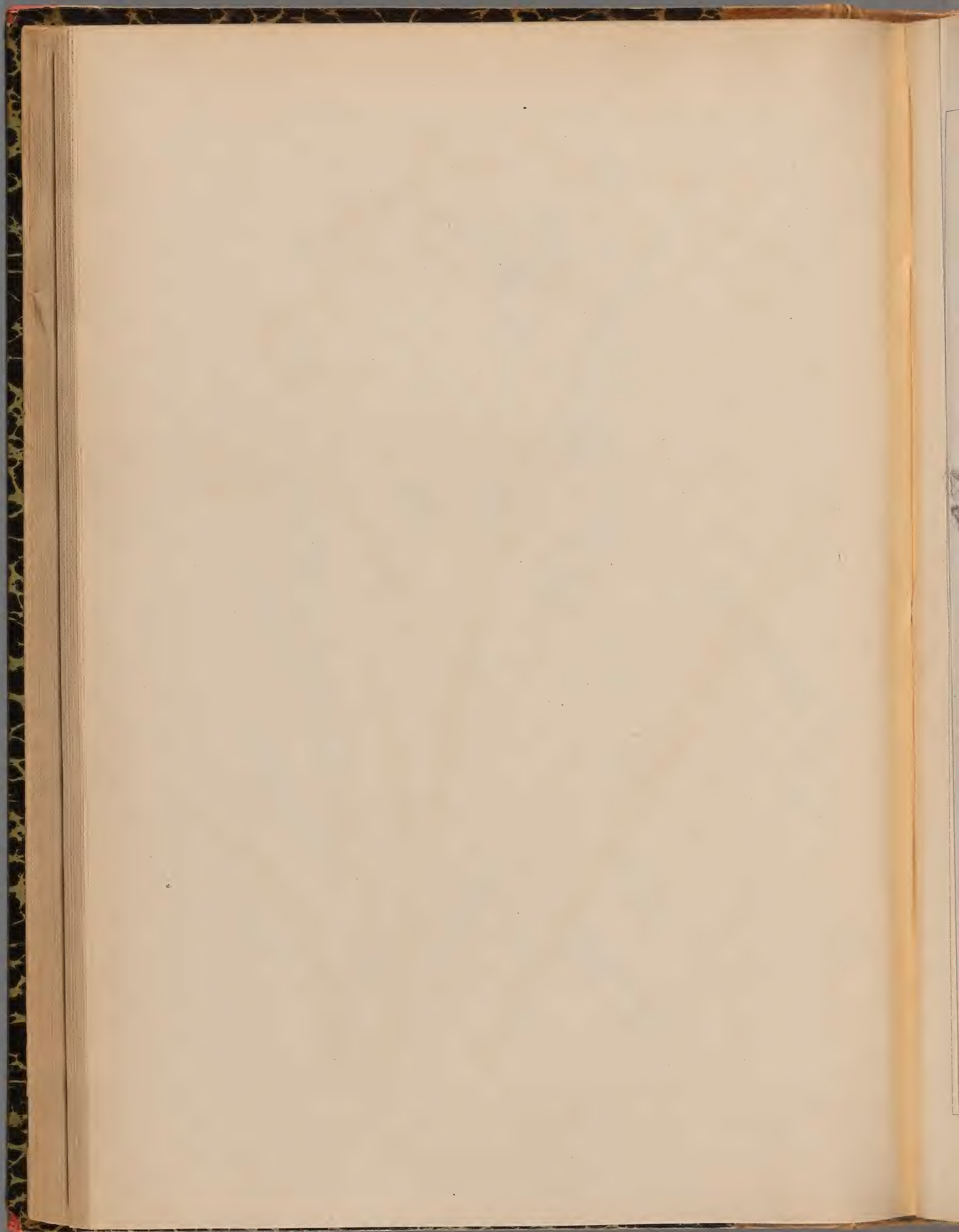
S. SPATHULÆFOLIUS. D. C. ♃



S. AURANTIACUS. D. C. ♃



S . PYRENAICUS . G.G. ♃





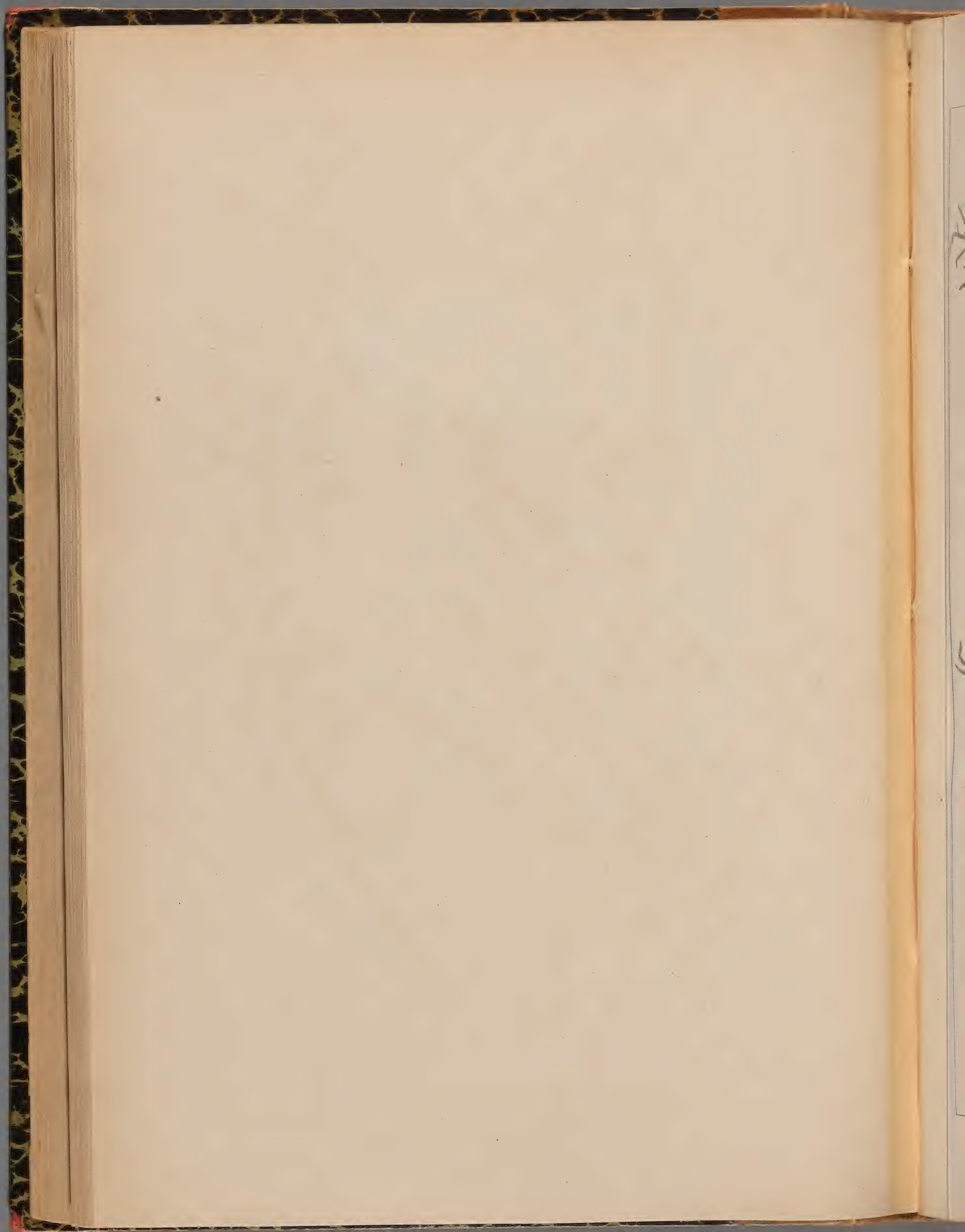
S. PALUSTRIS. D. C. ①



LIGULARIA SIBIRICA CASS. ♃



ARTEMISIA ABSINTHIUM. L. ♃





A. ARBORESCENS. L. 5



A. CAMPHORATA. VILL. 5



A. INCANESCENS. JORD. 5



A. Mutellina. Vill. ♃



Artemisia pedemontana. Balb. ♃



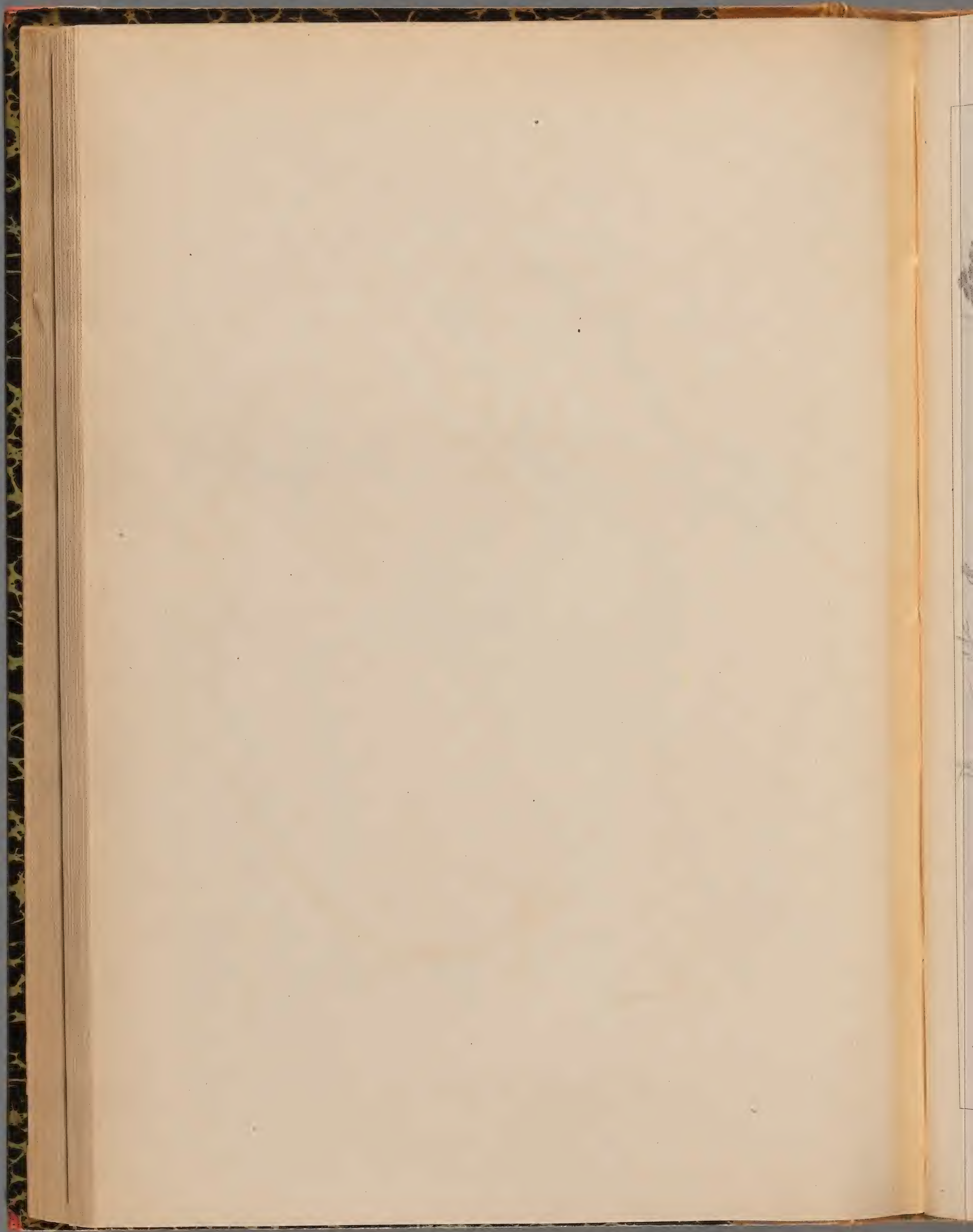
A. GLACIALIS. L. ♃



A. VULGARIS. L. ♃



A. SPICATA. WULF. ♃





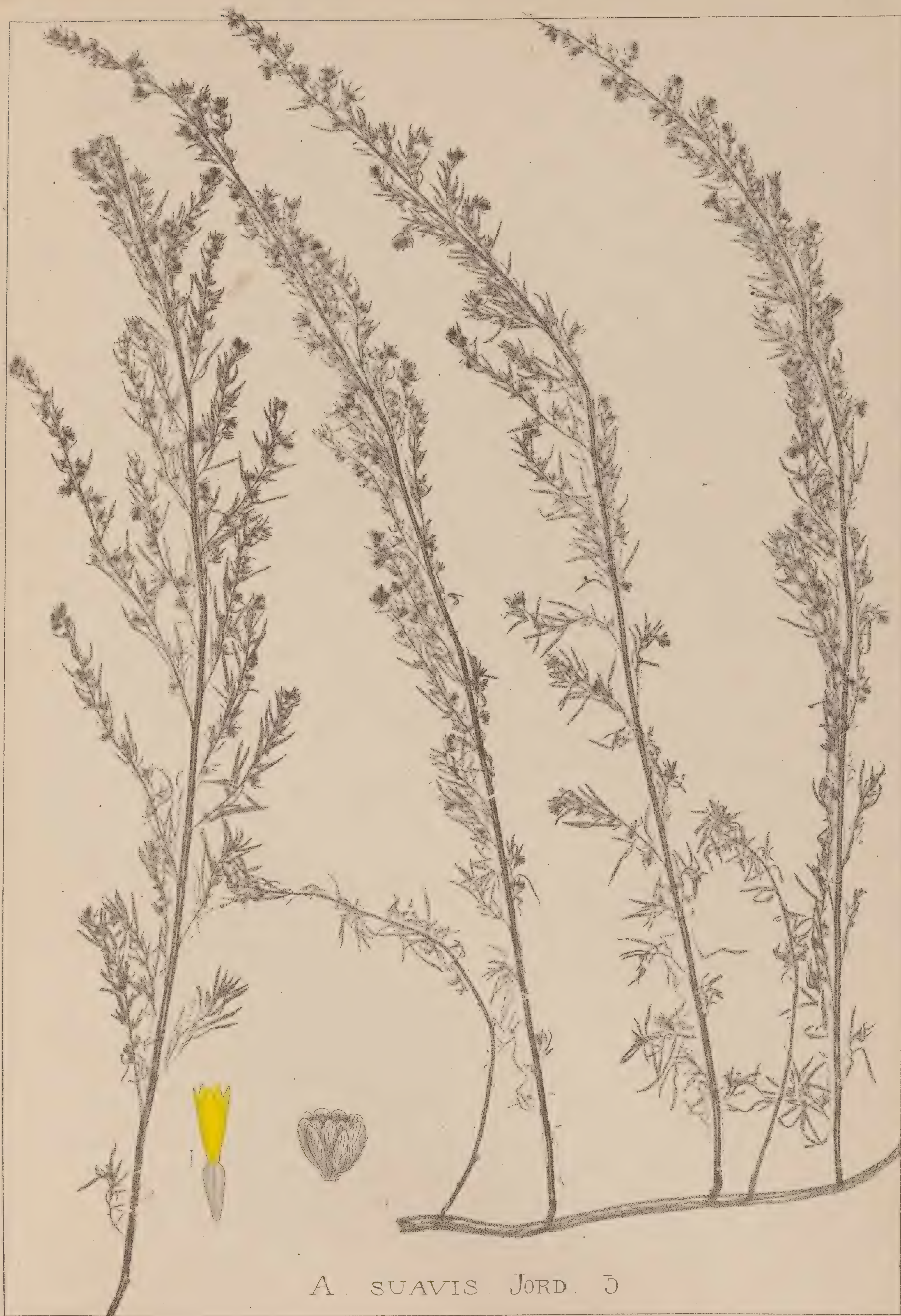
A. Villarsii. G. G. ♃



A . ATRATA. LAMK. ♃



A. CHAMÆMELIFOLIA. VILL. ♃.



A. SUAVIS JORD. 5



A. NANA. GAUD. ♃



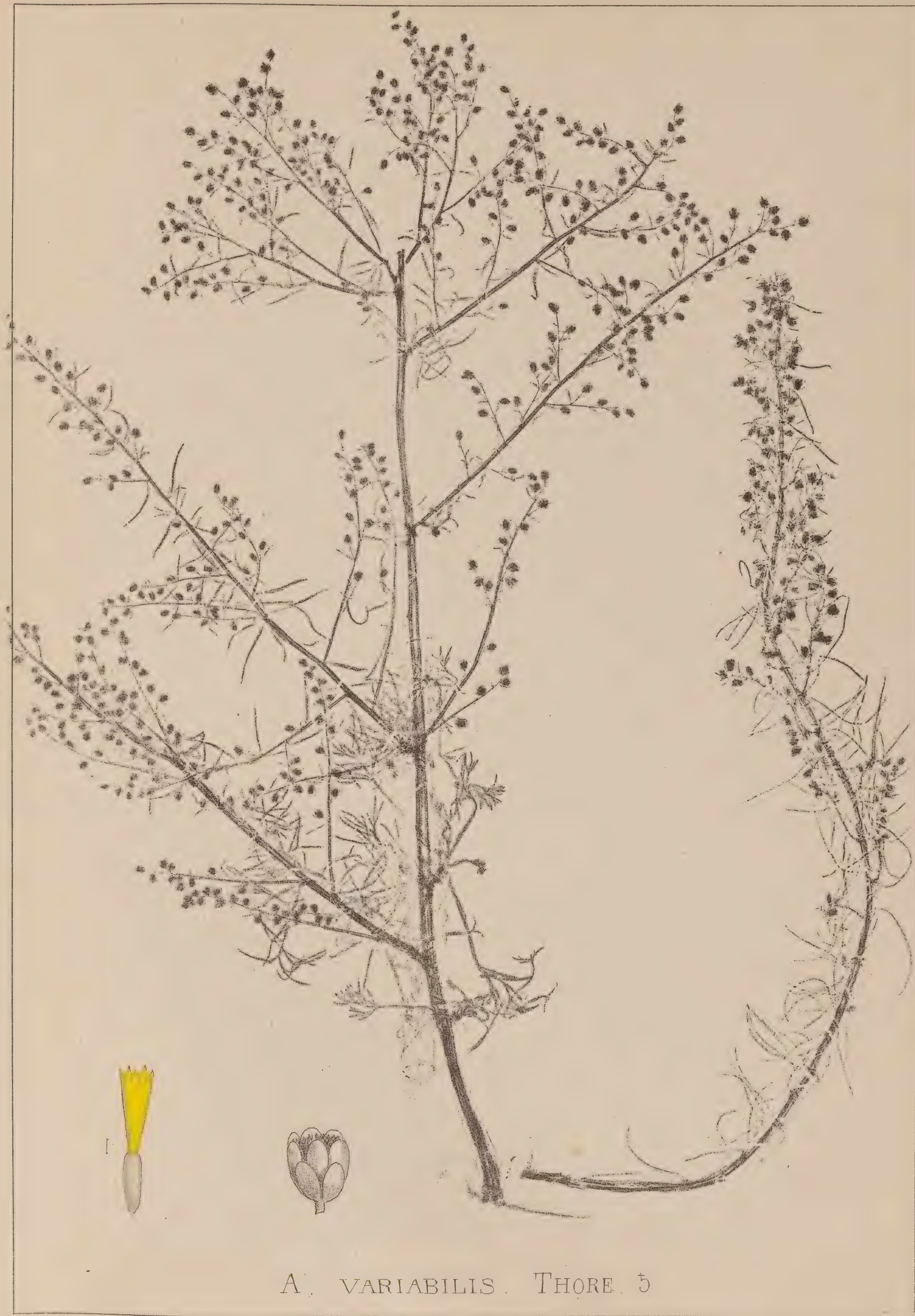
A. CAMPESTRIS. L. ♃



A. CAMPESTRIS. L. ♃. *Var. alpina.*



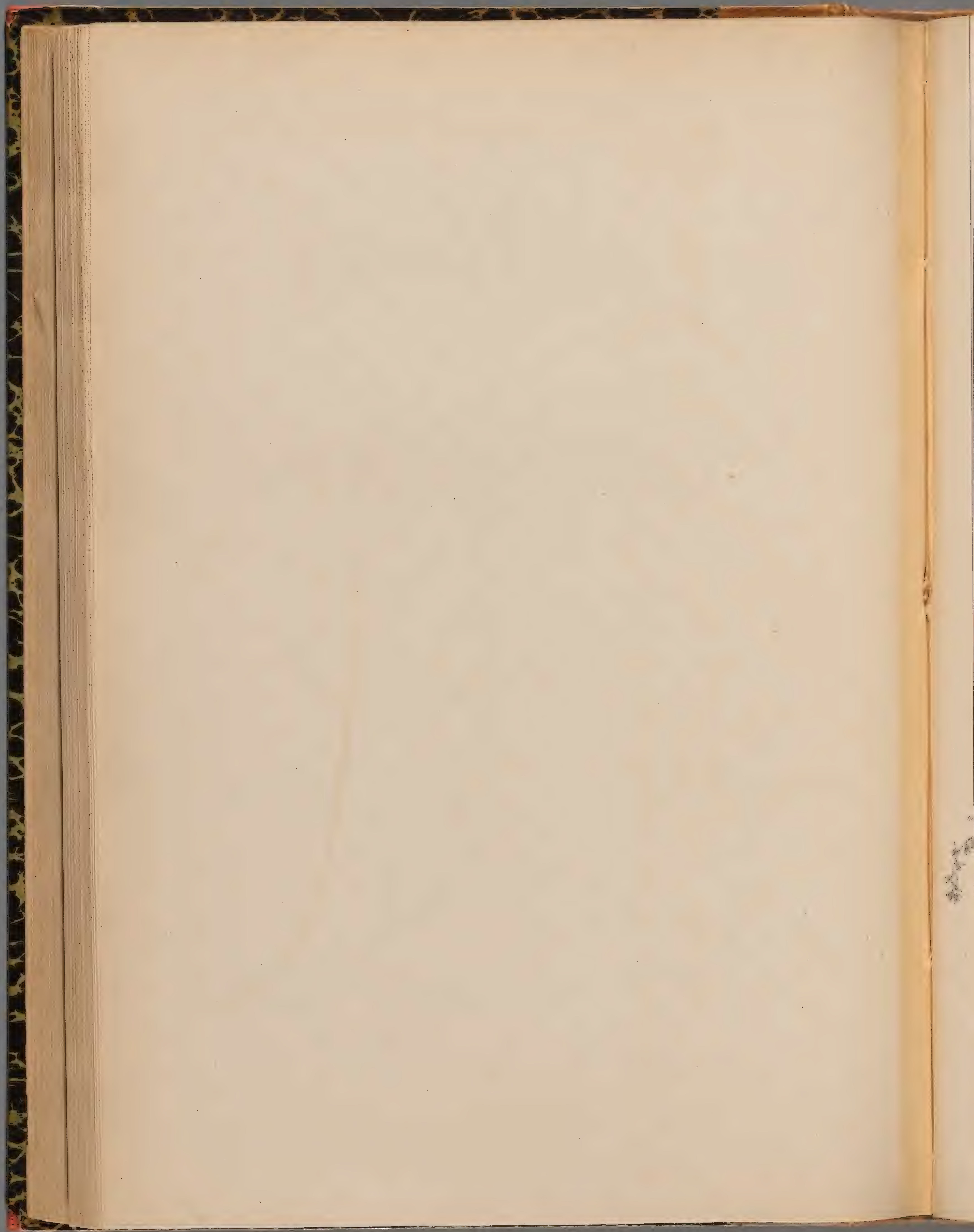
A. CAMPESRIS. L. ♃ *Var. maritima*



A. VARIABILIS. THORE. 5



A. GLUTINOSA. GAY. ♄

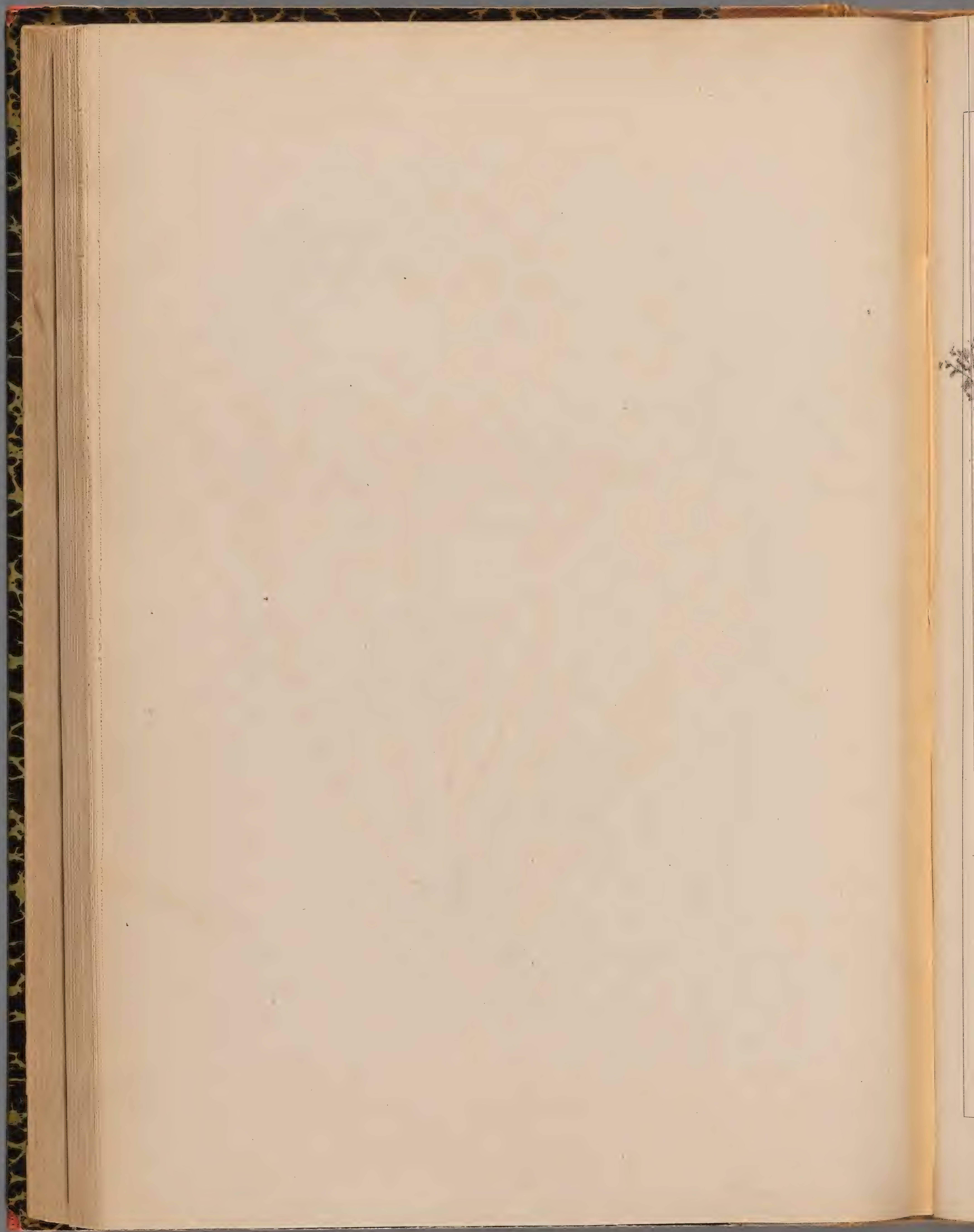




A. MARITIMA. L. ♃



A. GALLICA WILLD. ♃

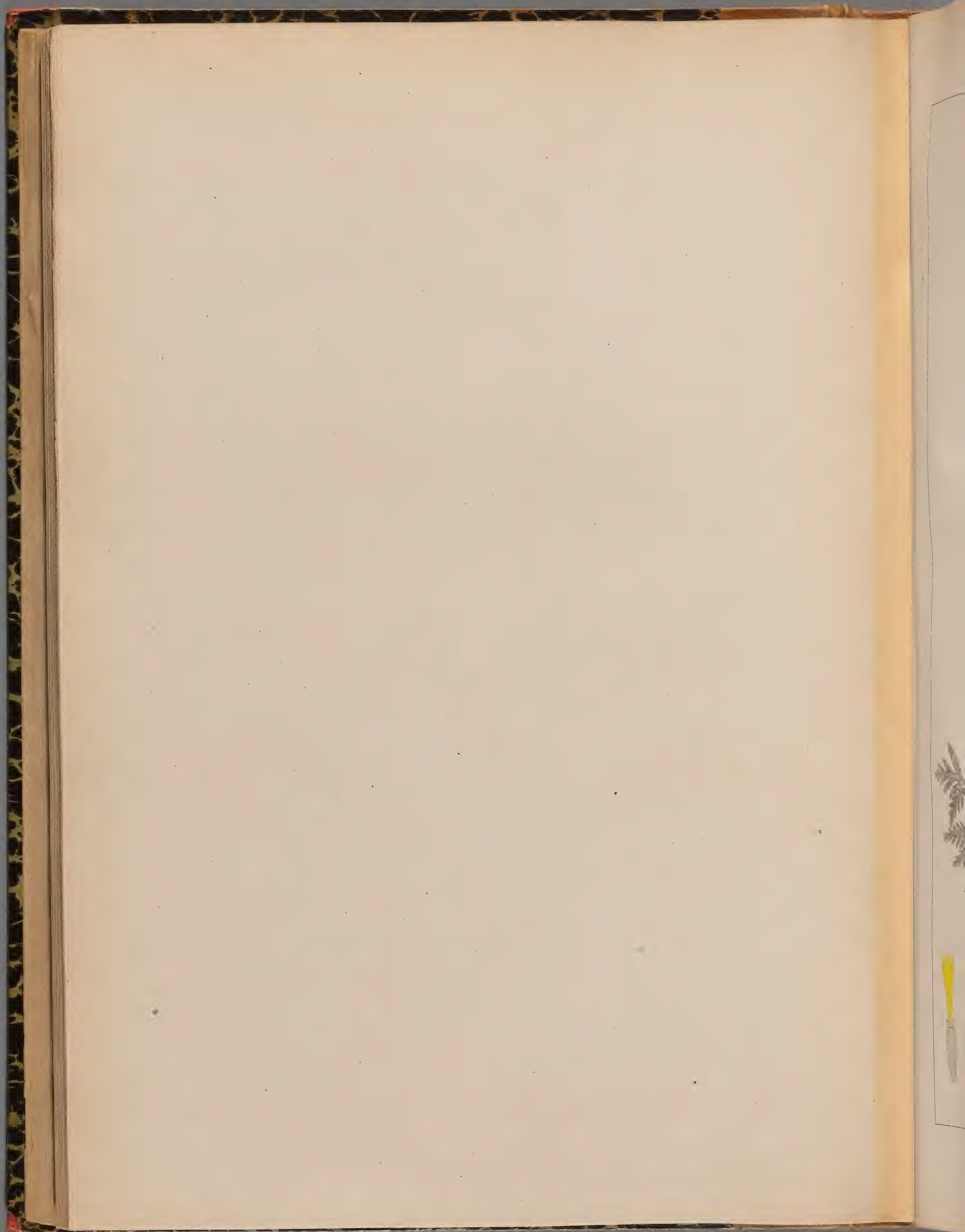




A. CŒRULESCENS. L. 5



A. ARRAGONENSIS. LAMK. 5

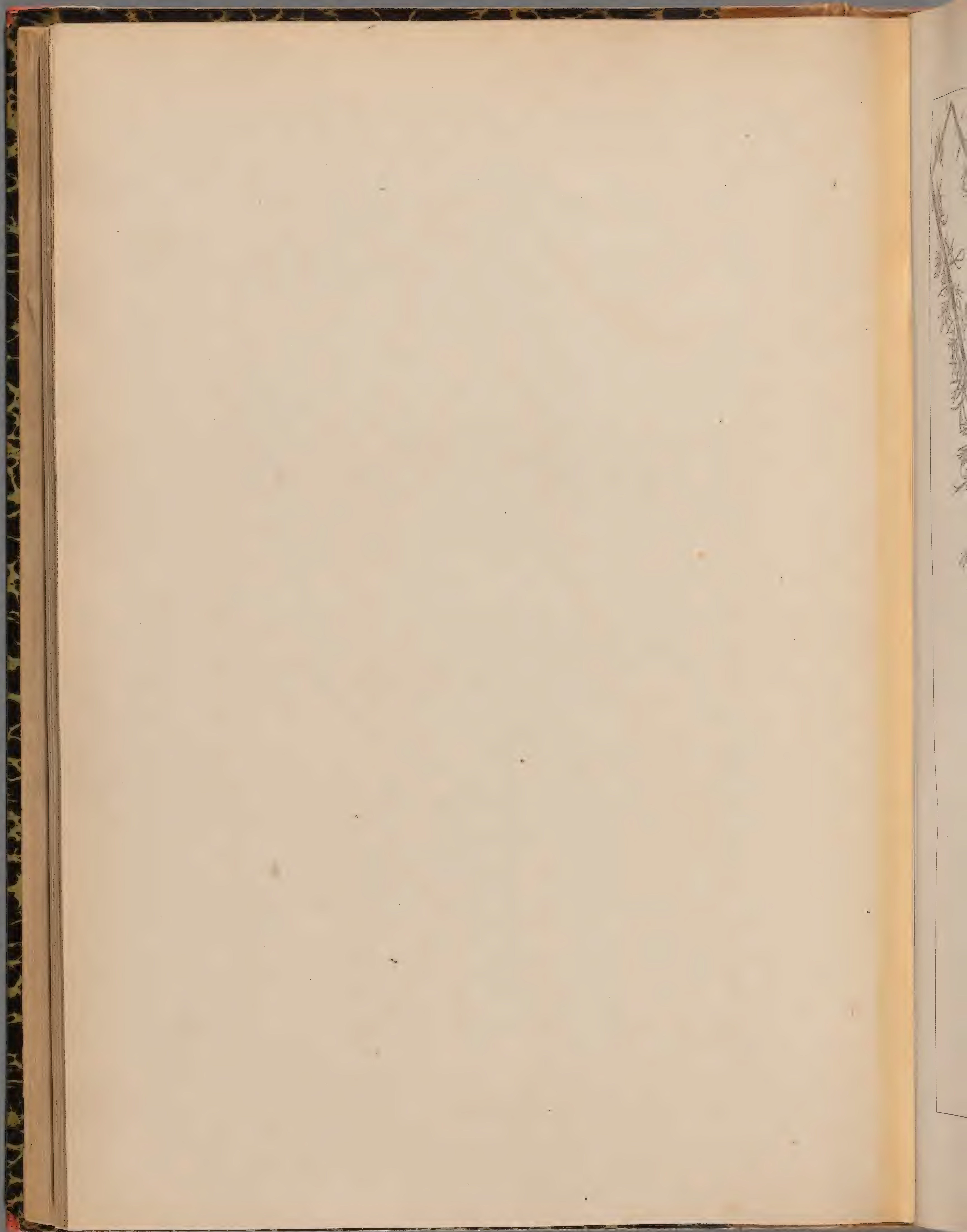


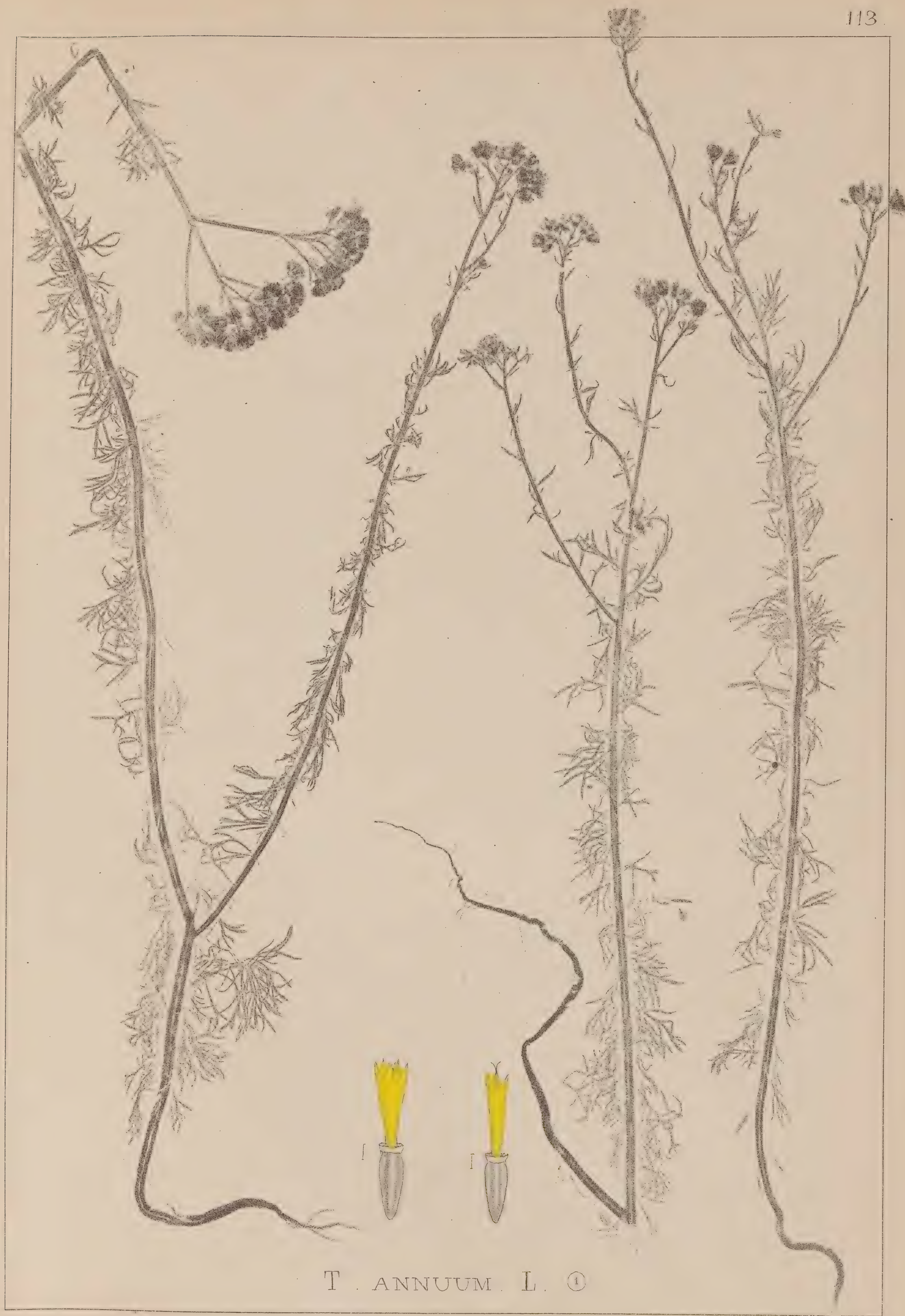


TANACETUM VULGARE. L. ♃

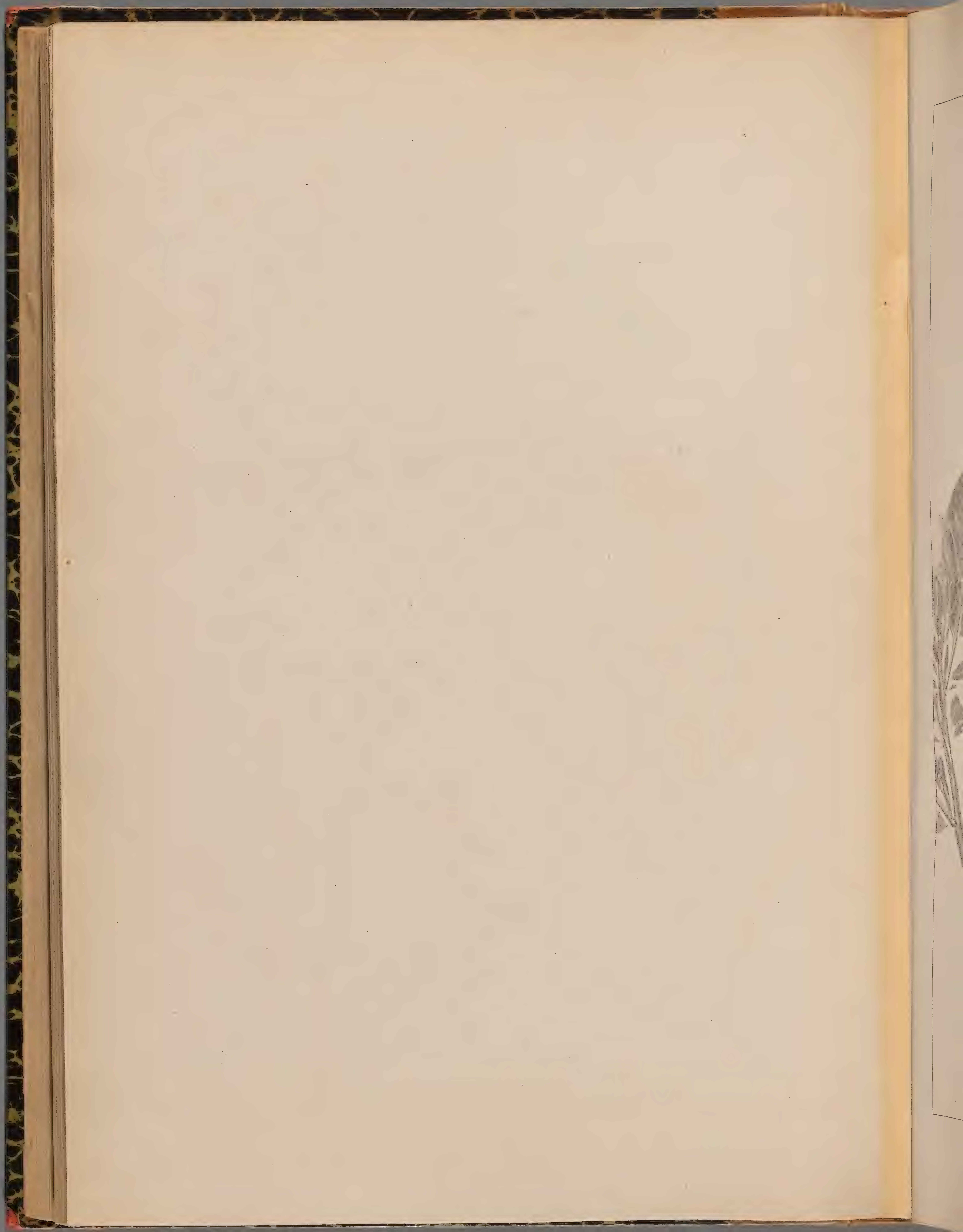


T. AUDIBERTI. D.C. ♃



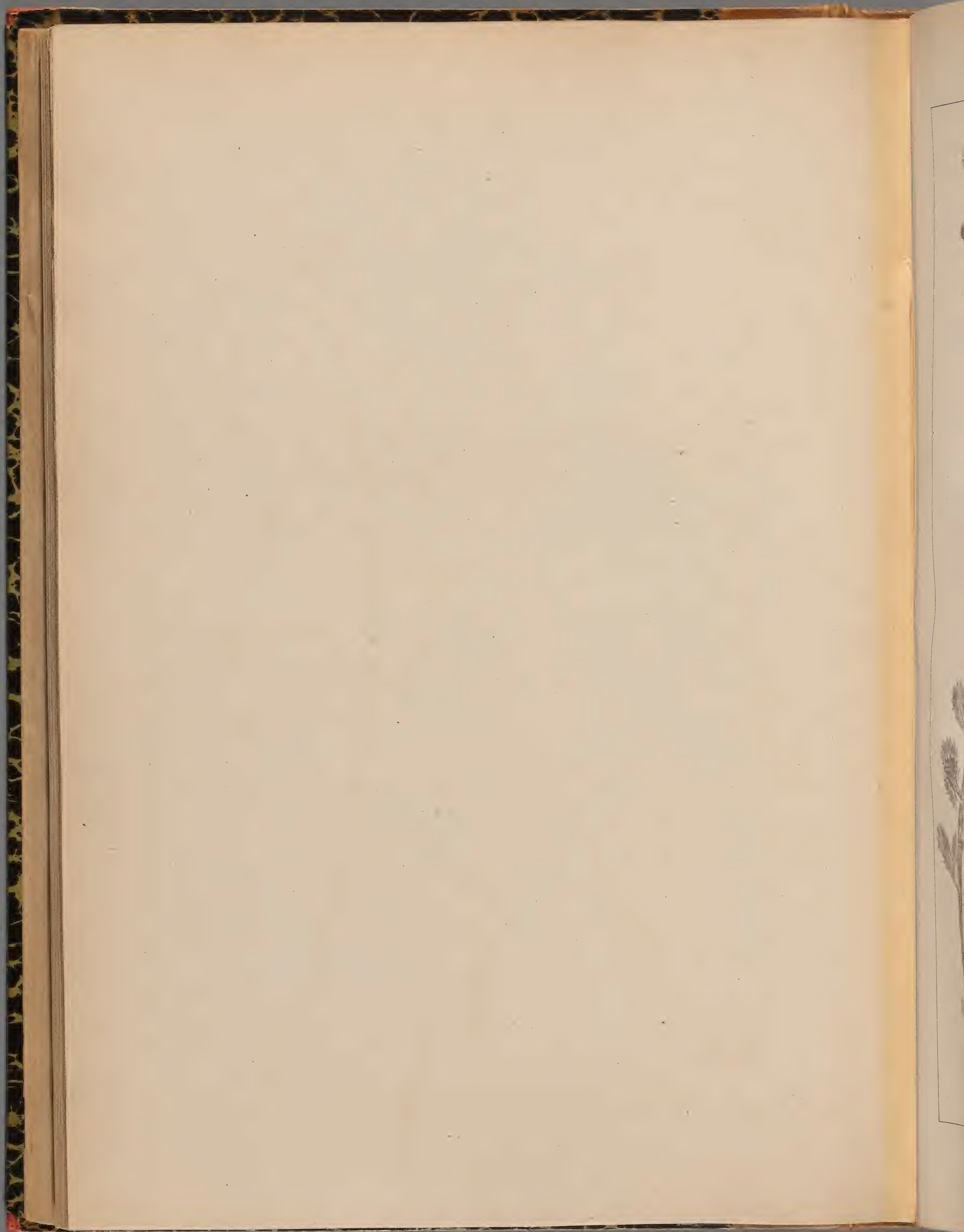


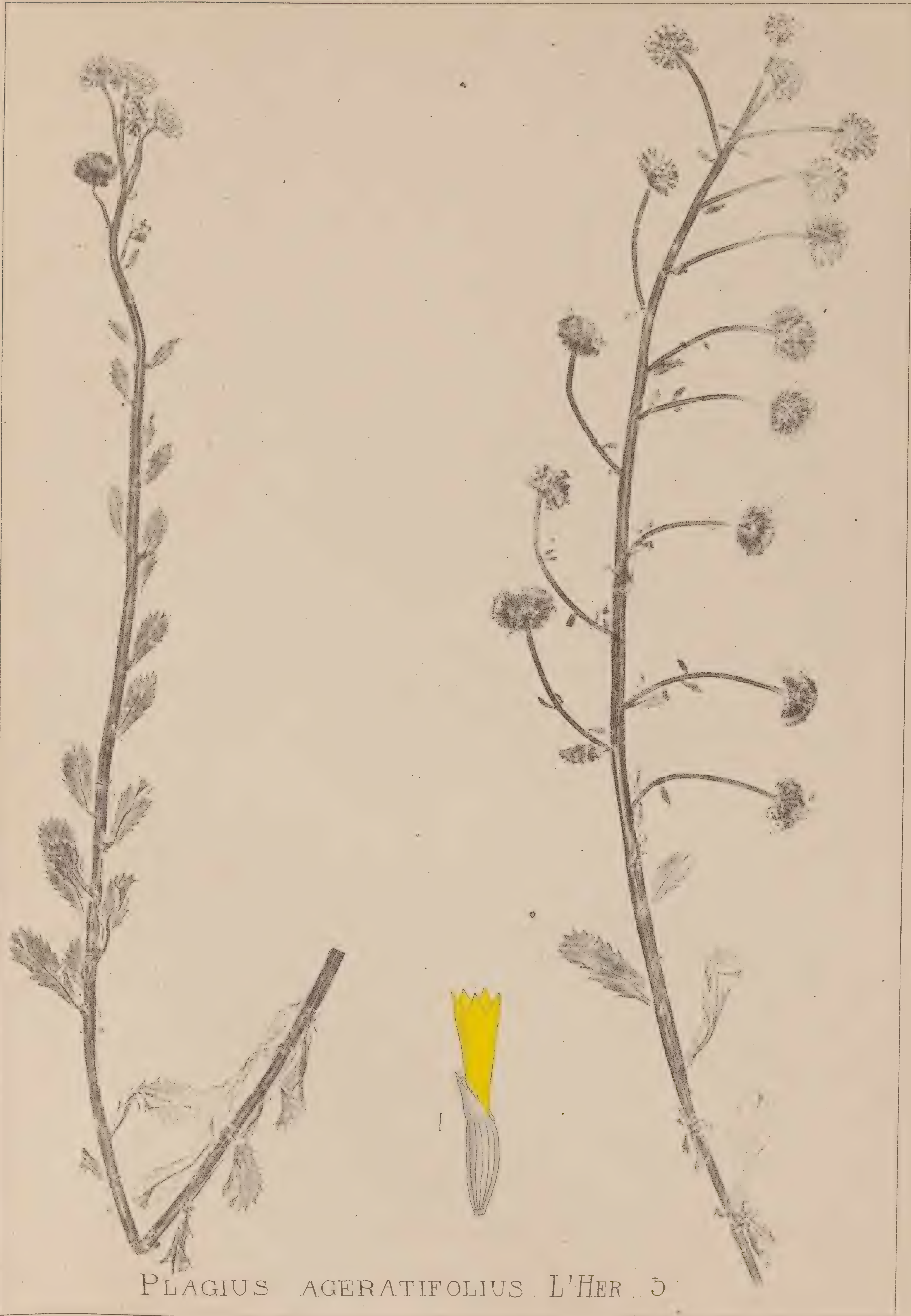
T. ANNUUM. L. ①



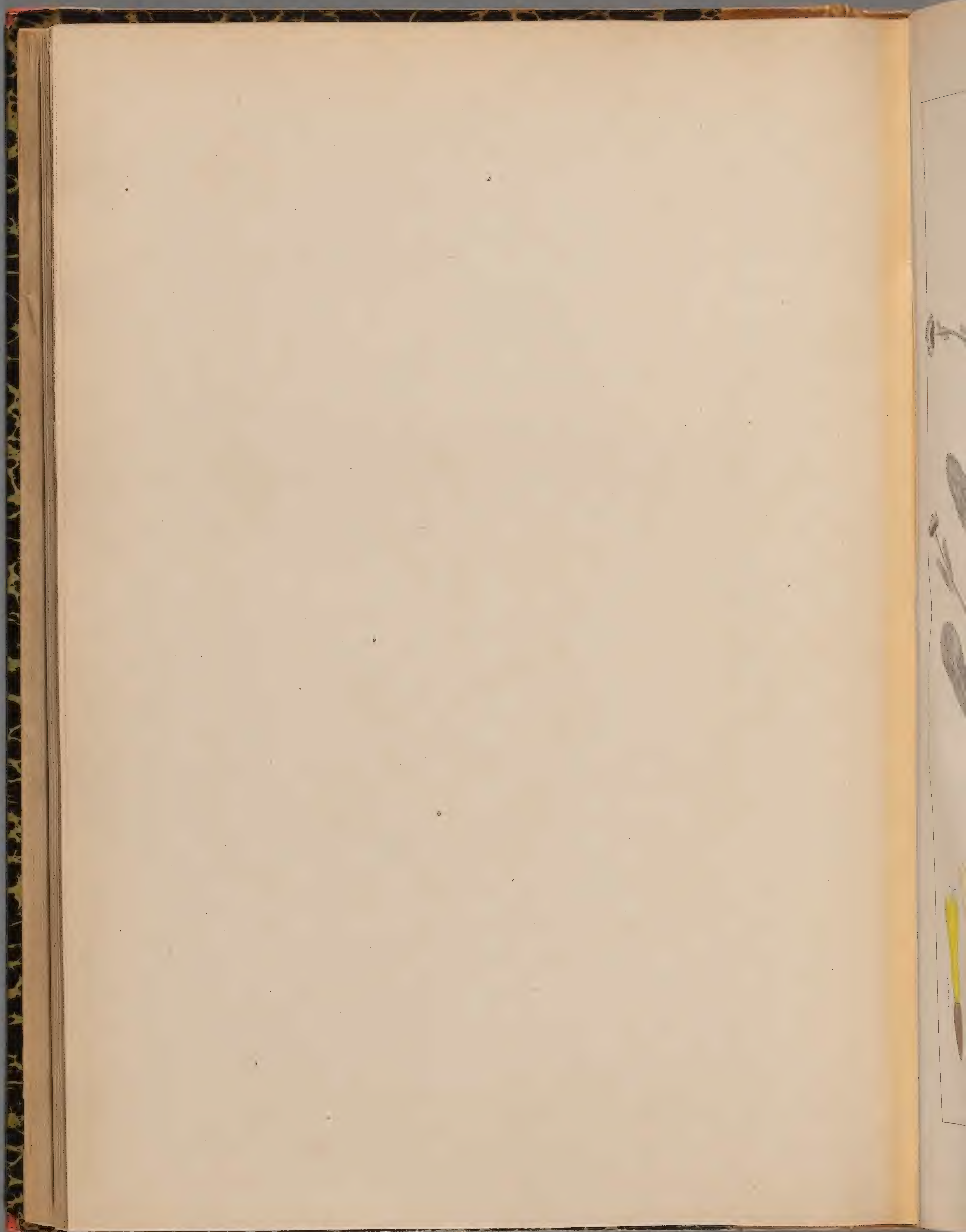


T. Balsamita. L.



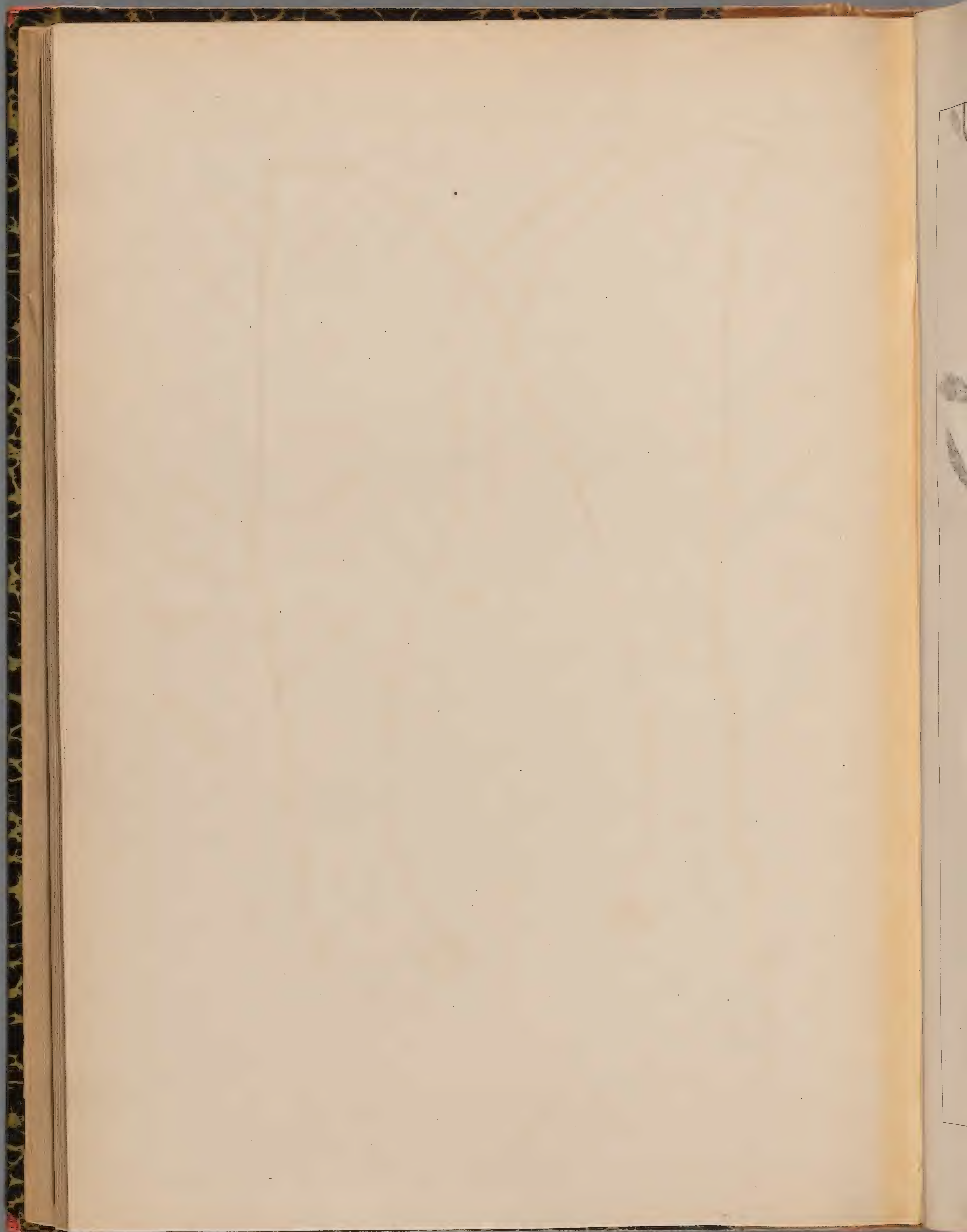


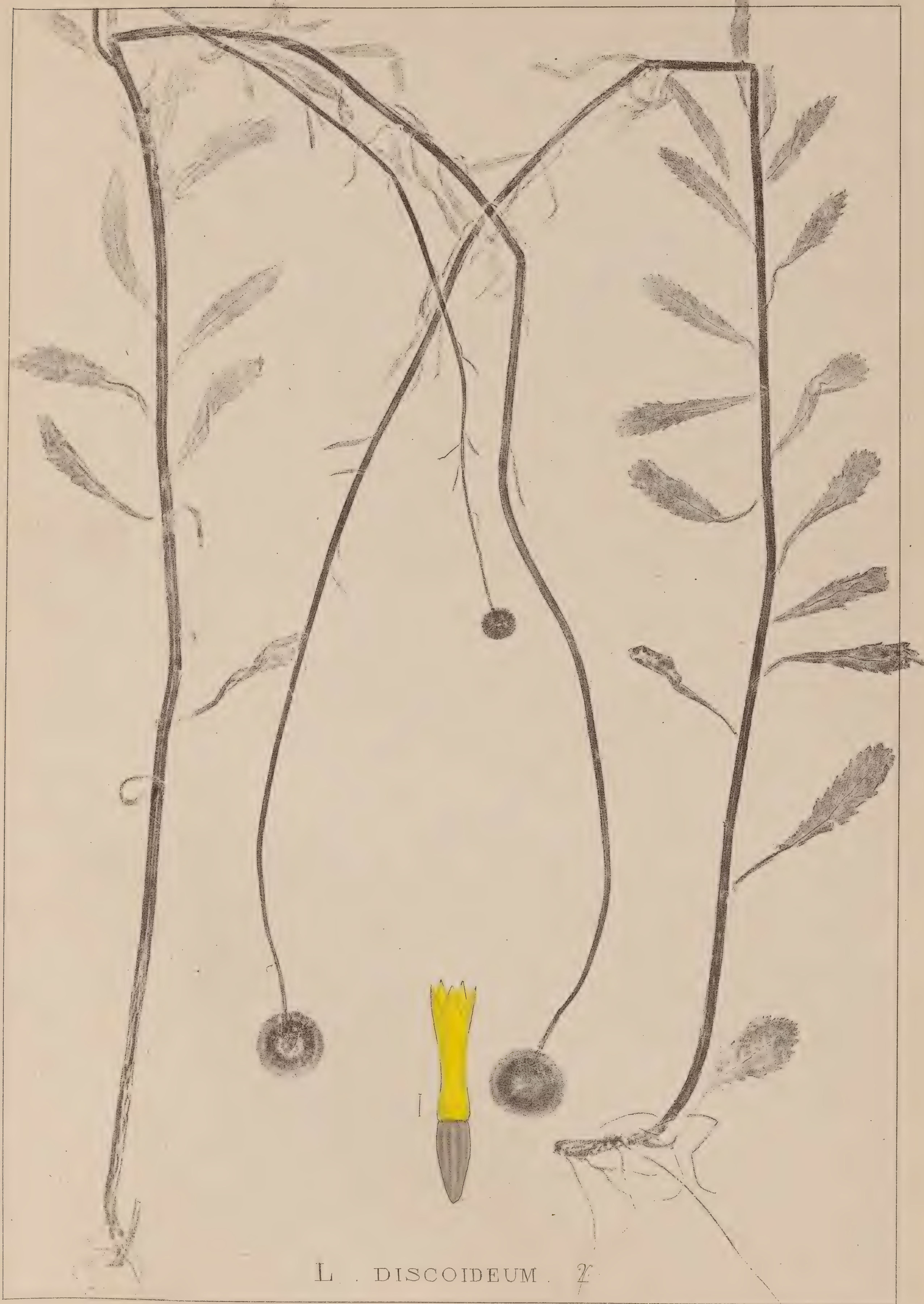
PLAGIUS AGERATIFOLIUS. L'HER. 5



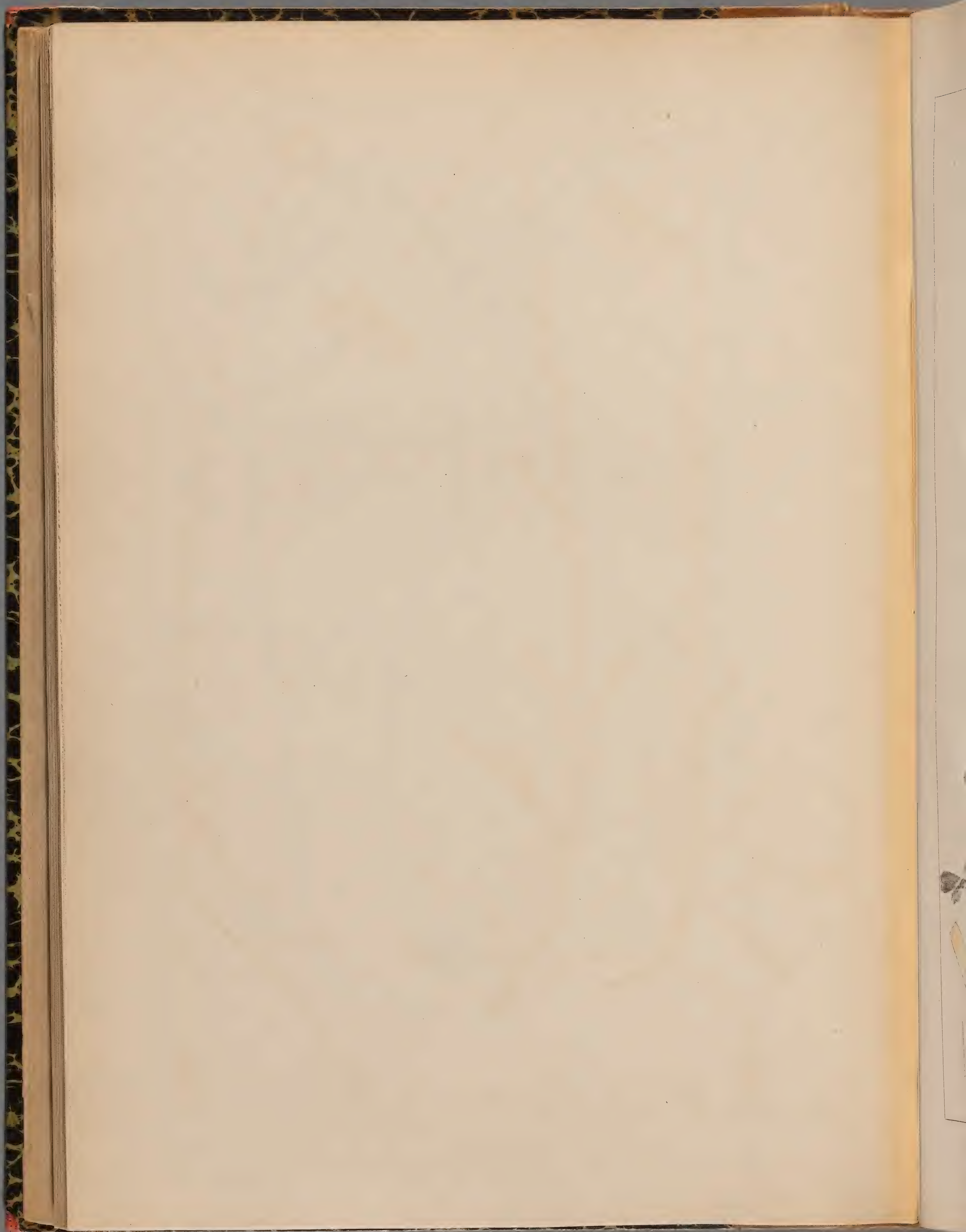


LEUCANTHEMUM VULGARE. LAMK. ♃

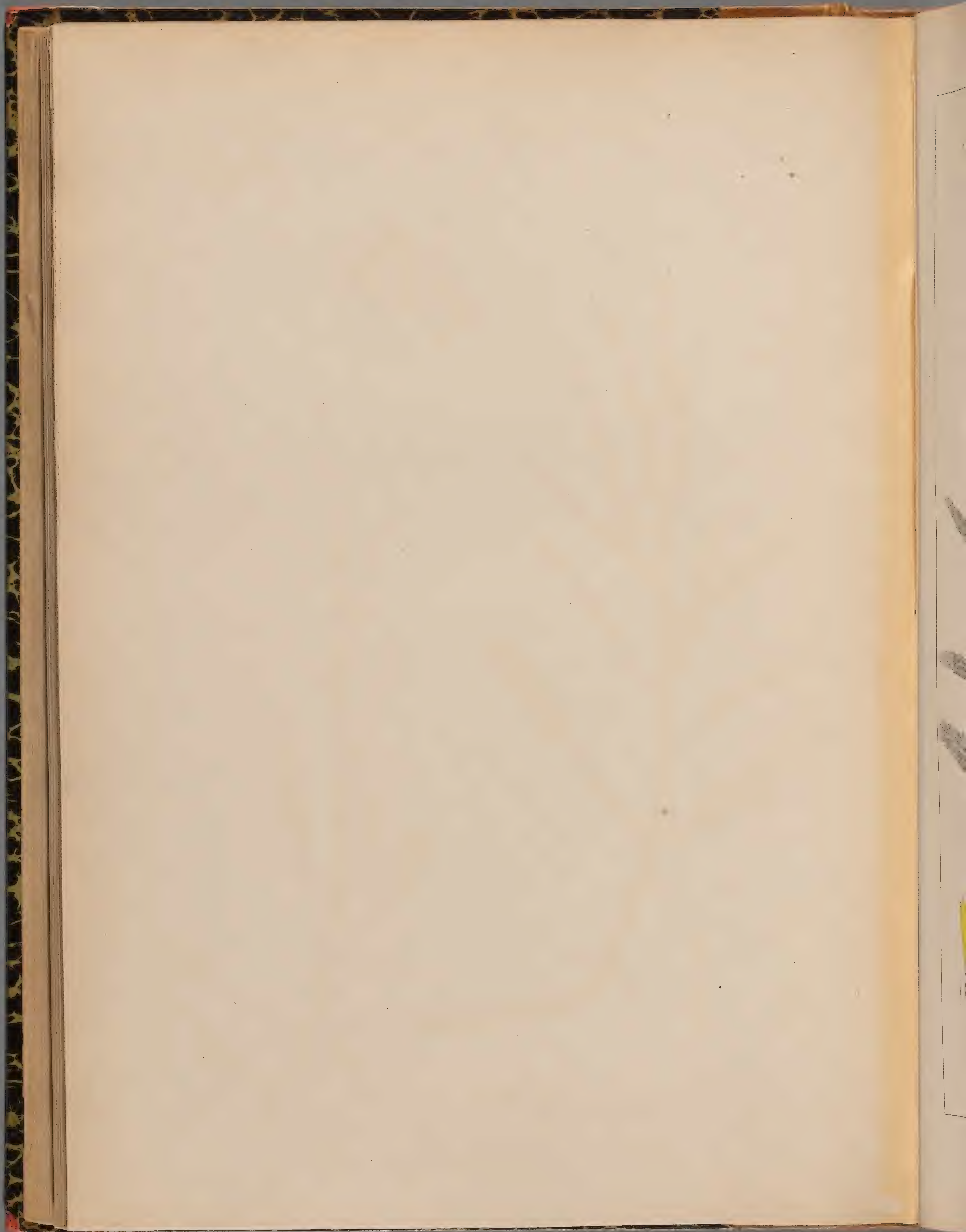




L . DISCOIDEUM . ♃

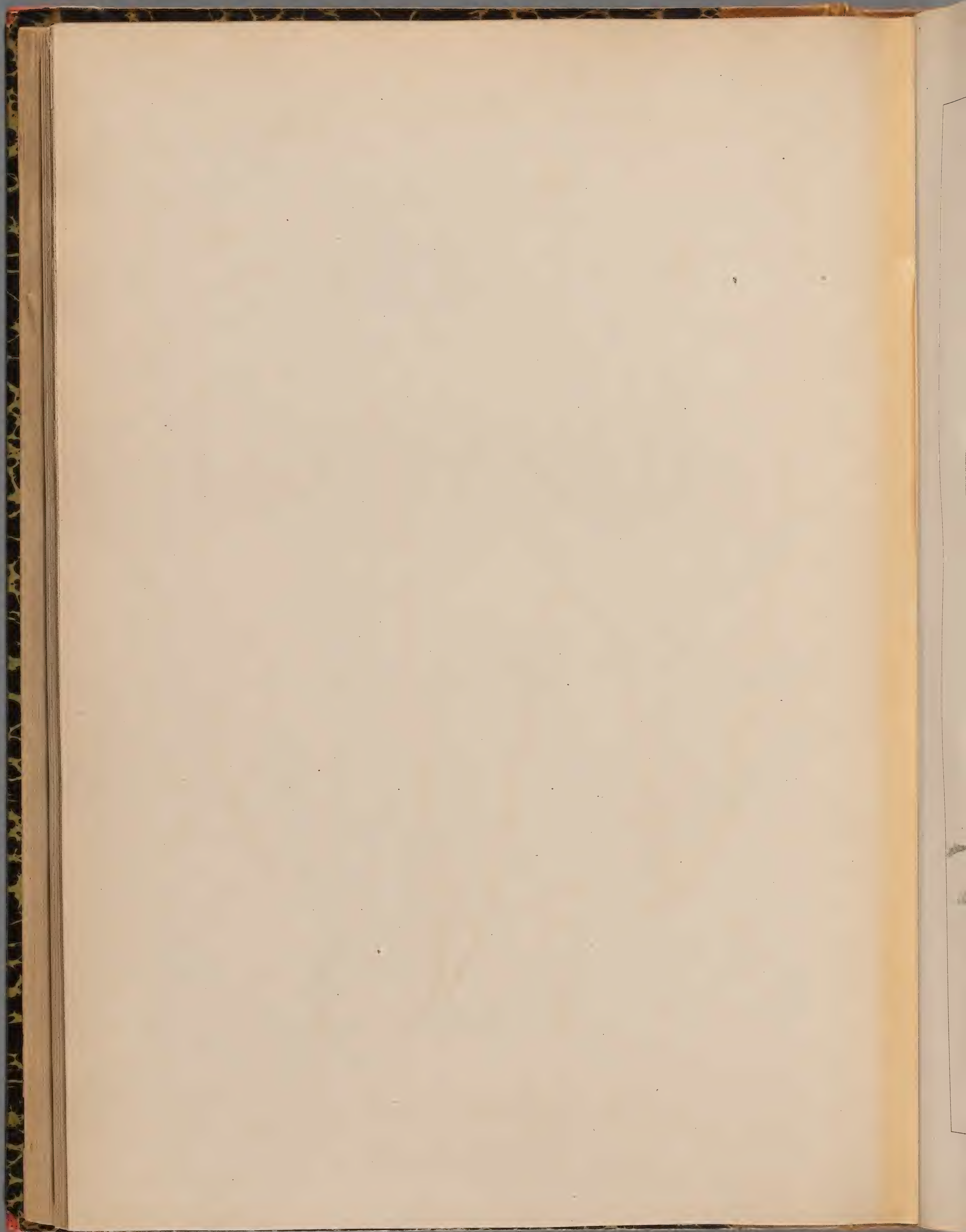



L. PALLENS. D. C. ♃



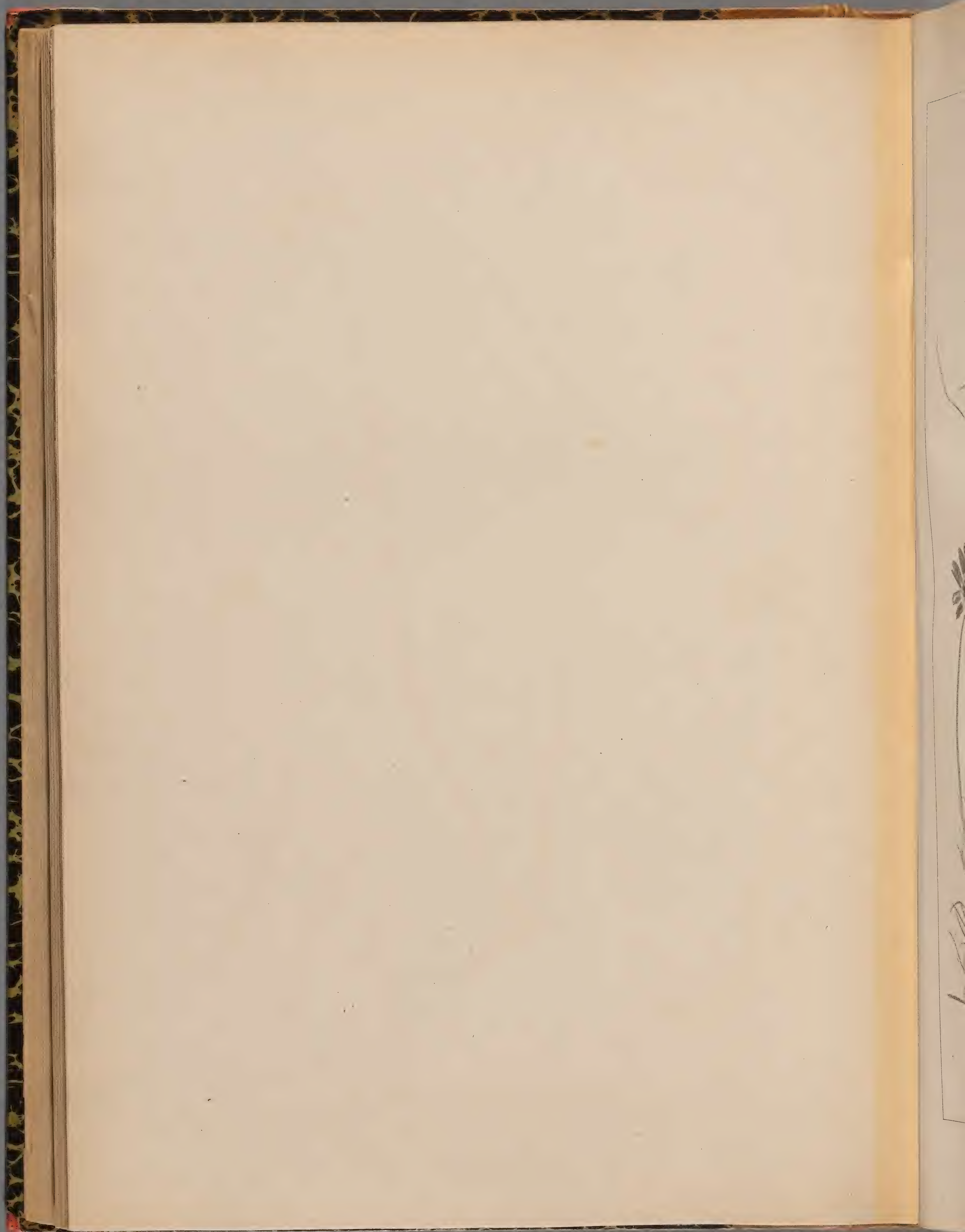


L. MAXIMUM. D.C. ♃



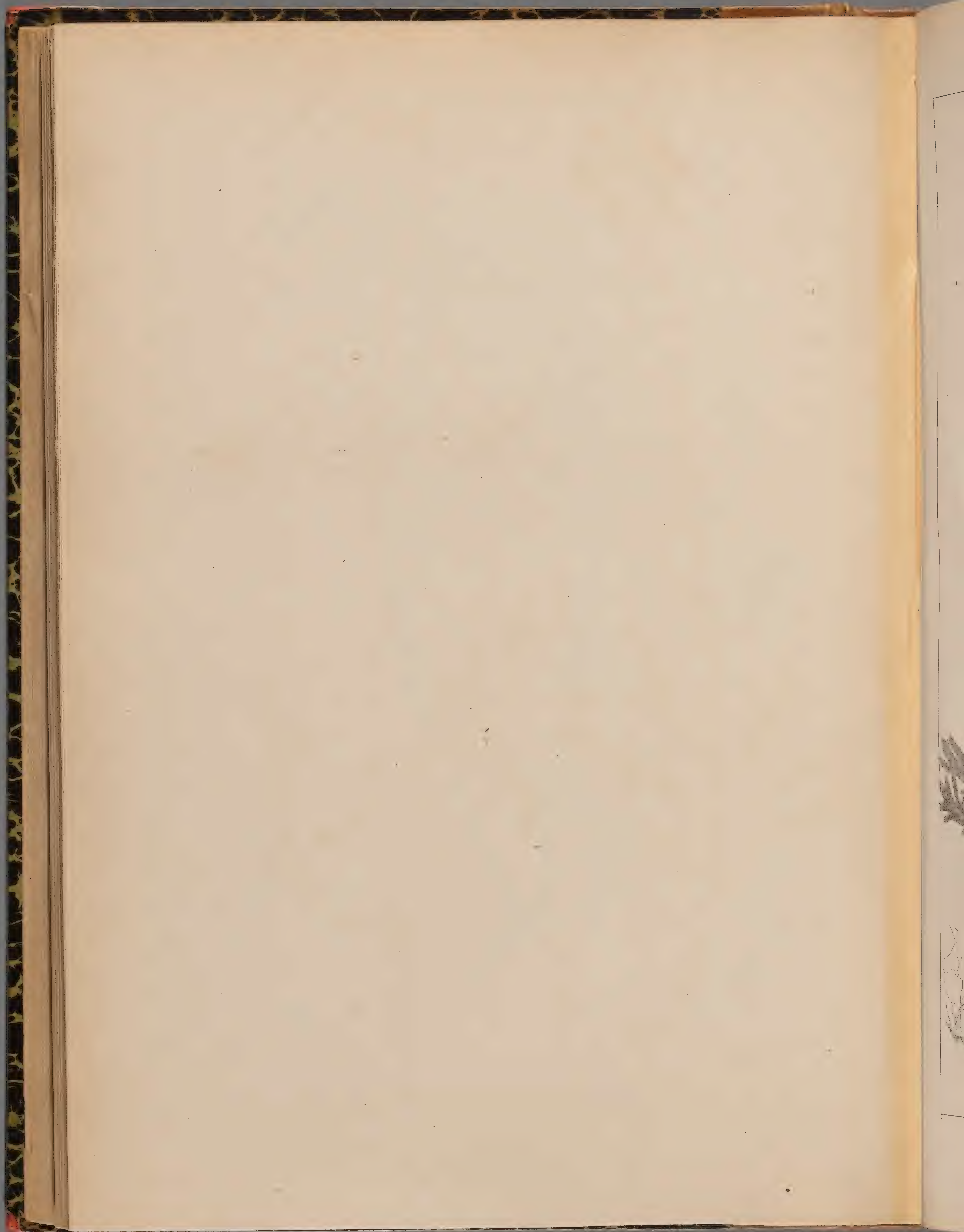


L. MONTANUM. D.C. ♃



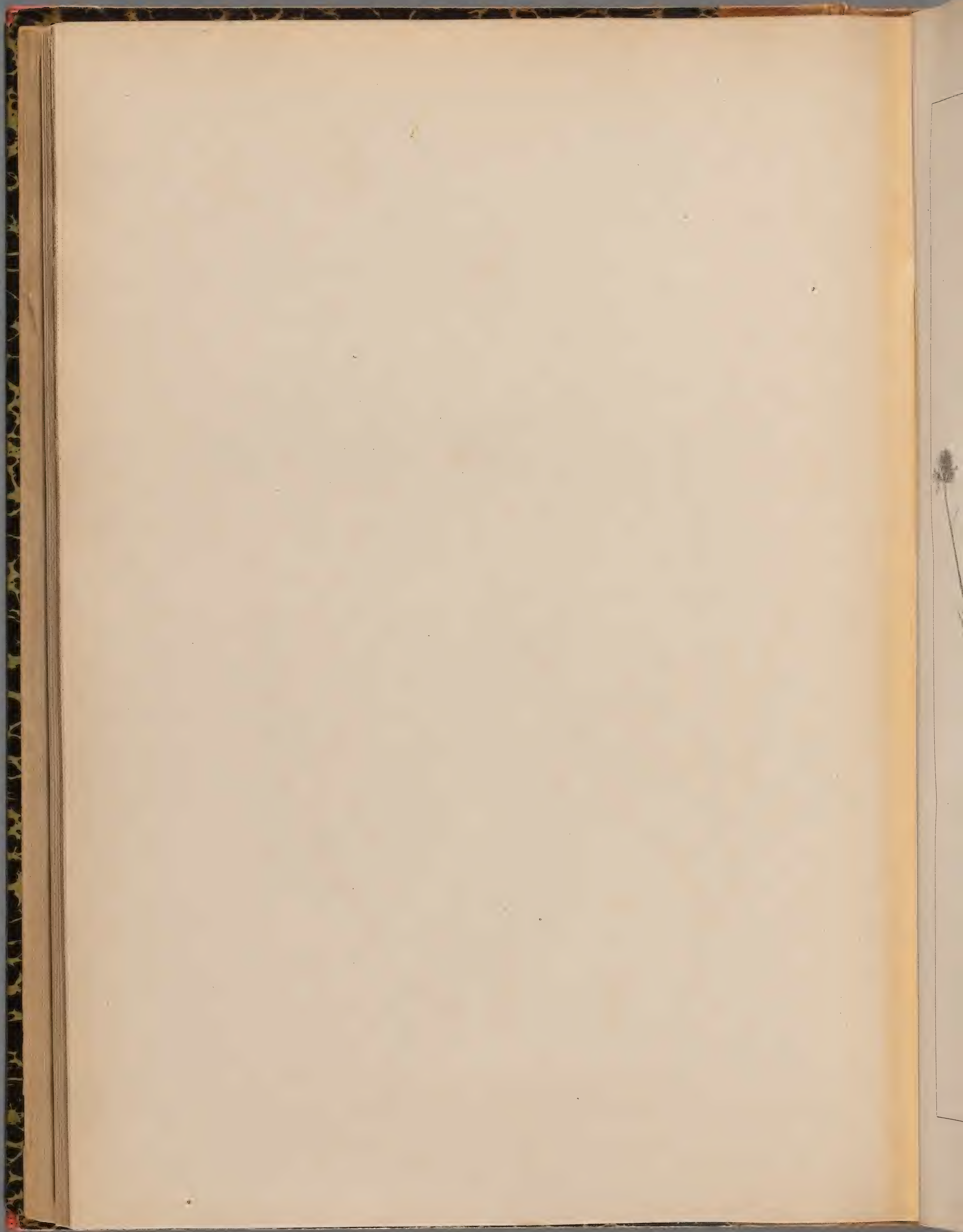


L. GRAMINIFOLIUM LAMK. ♃





L. CORONOPIFOLIUM. G. G. ♃

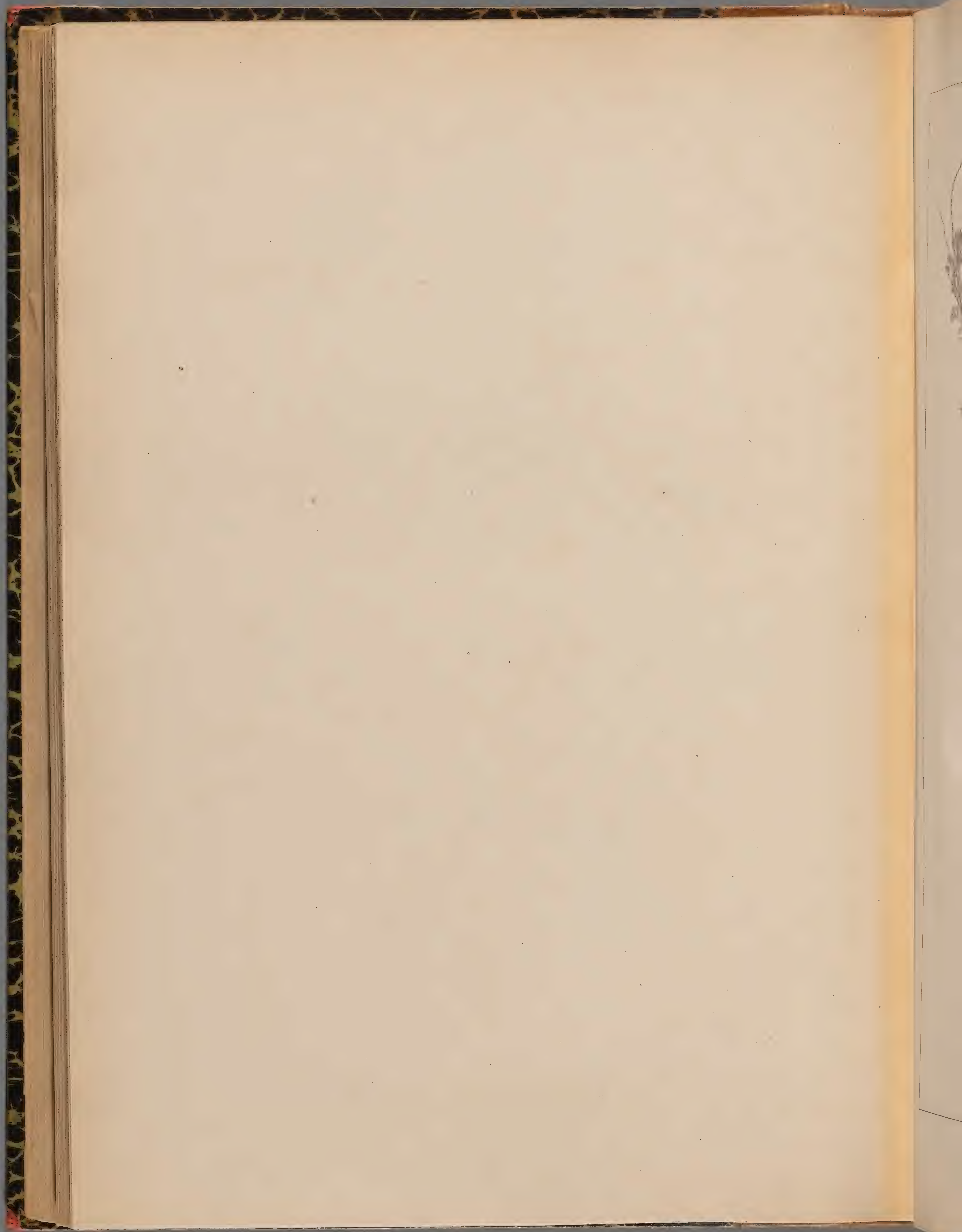


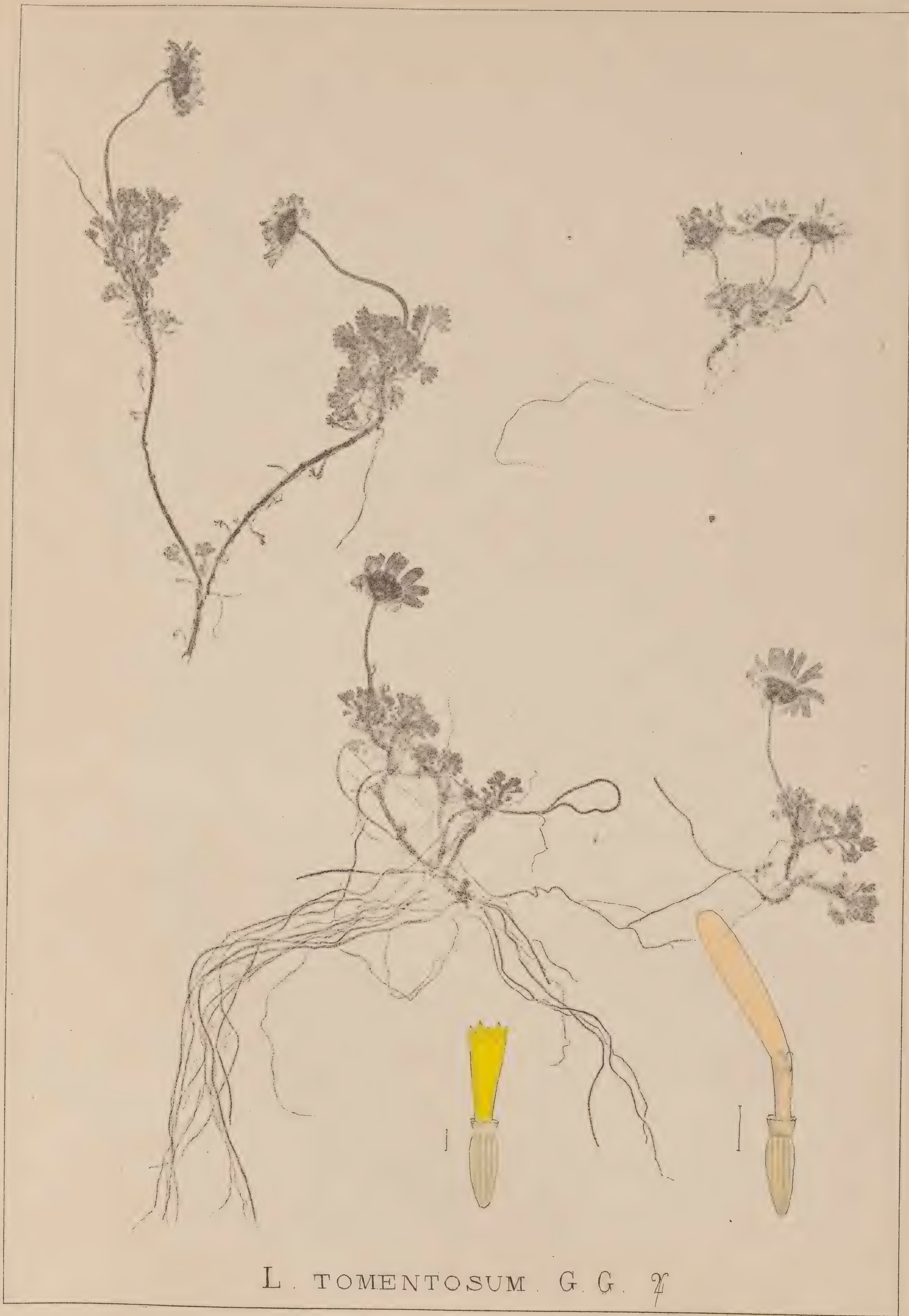


L. PALMATUM. LAMK. ♃

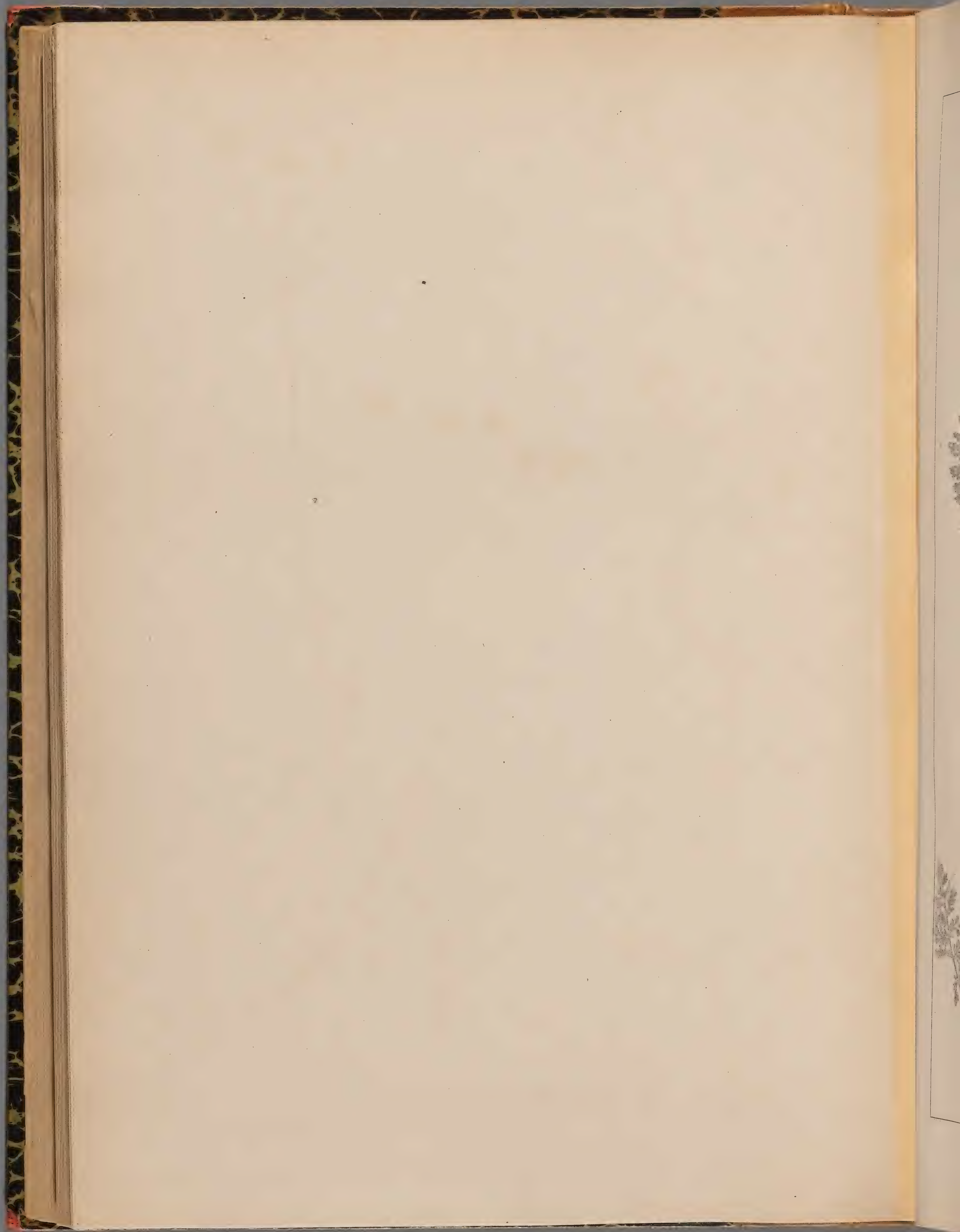


L. ALPINUM. LAMK. ♃

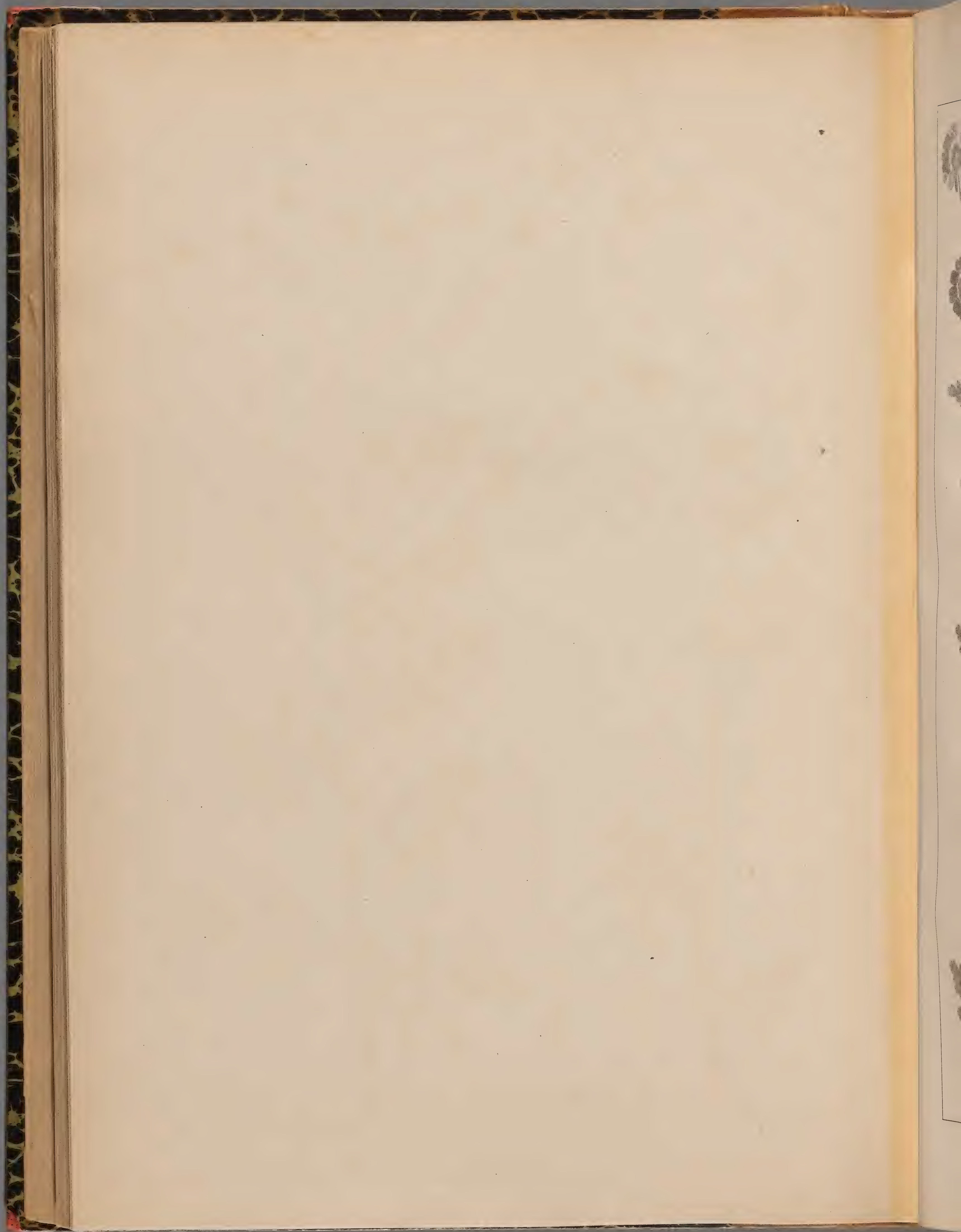




L. TOMENTOSUM. G. G. ♃

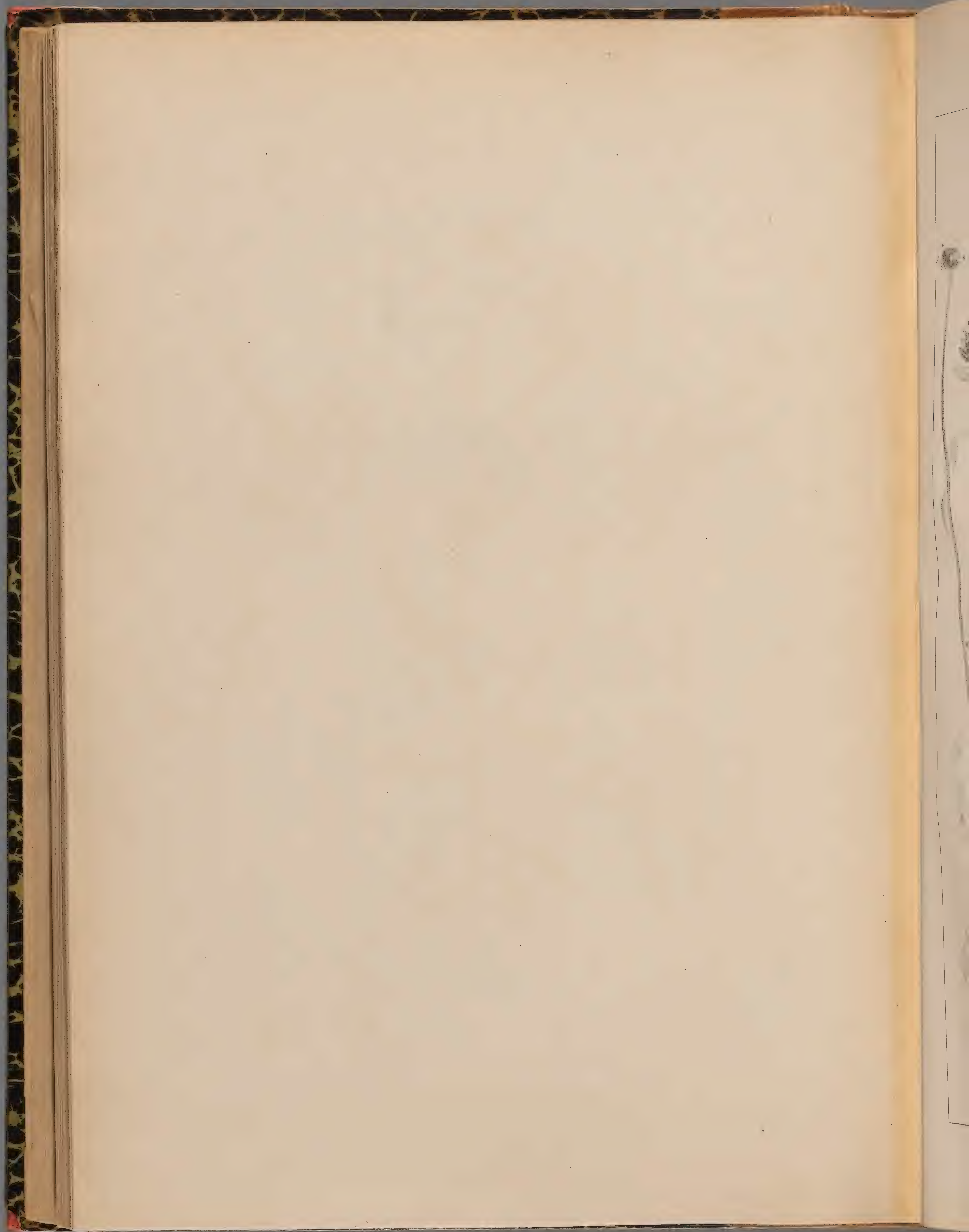



L. CORYMBOSUM. G. G. ♃



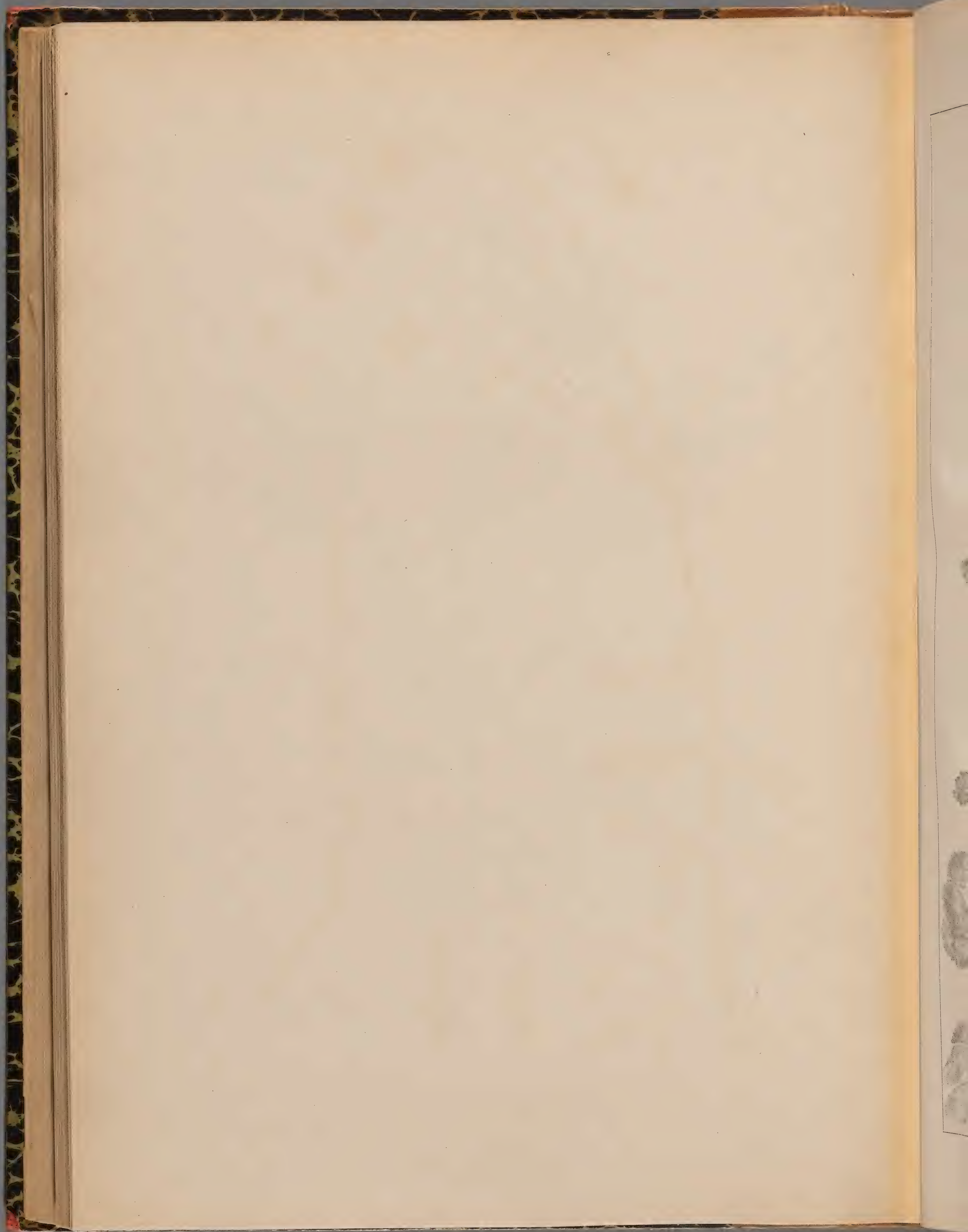


L. PARTHENIUM. G. G. ♃



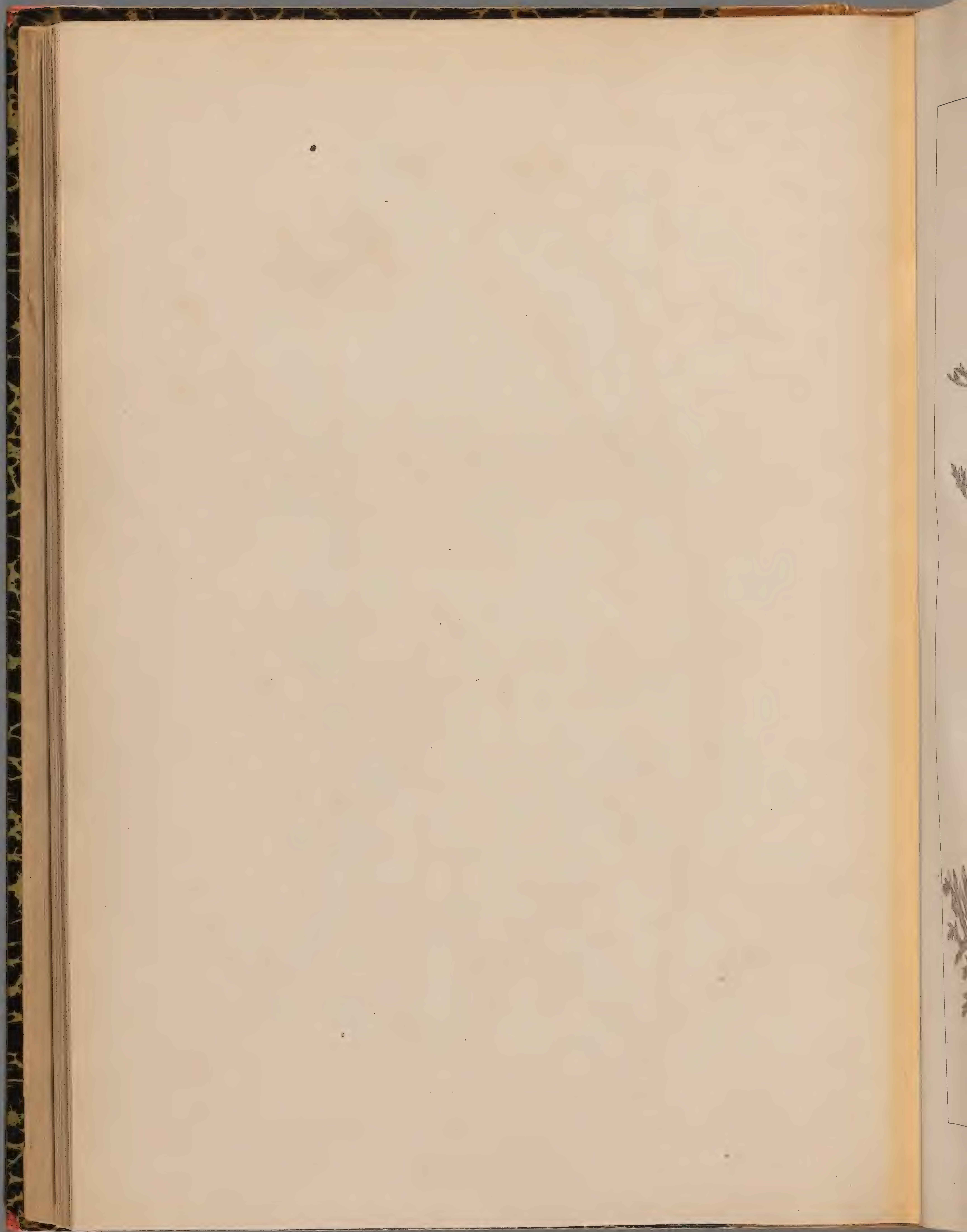


CHRYSANTHEMUM SEGETUM. L. ①





C. Myconis. L. ①





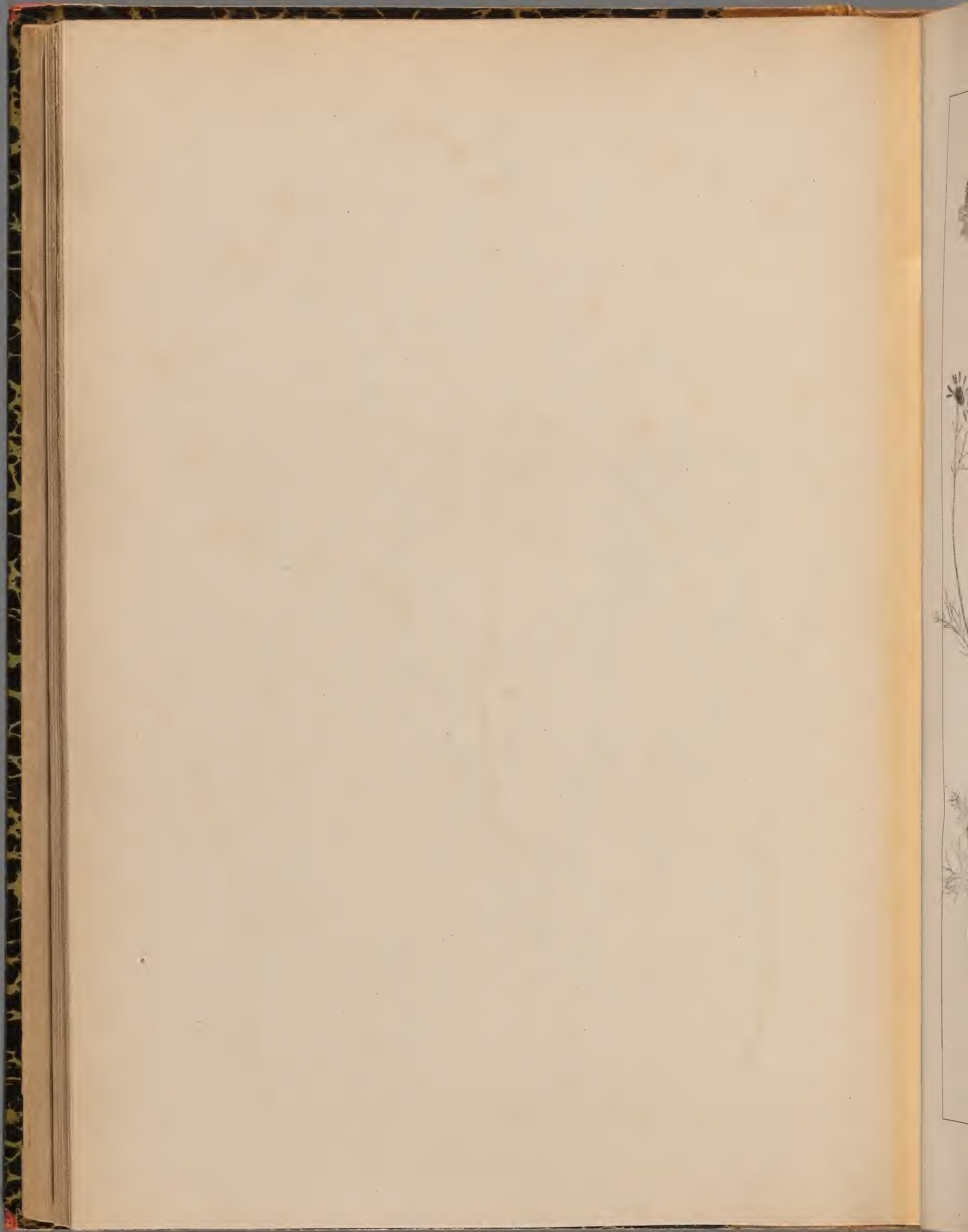
Pinardia coronaria. Less. ①



NANANTHEA PERPUSILLA. D. C. ①

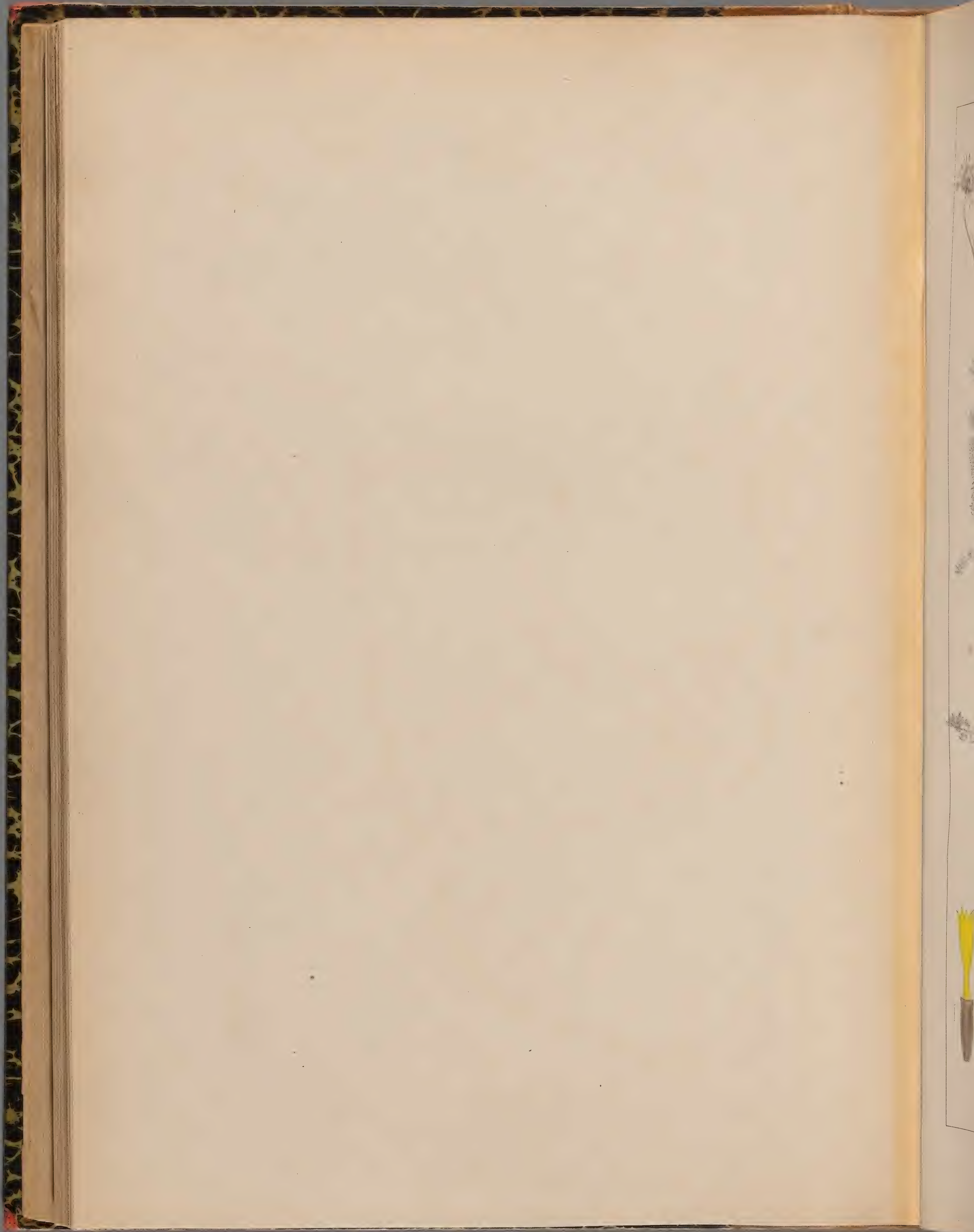


Matricaria Chamomilla. L. ①



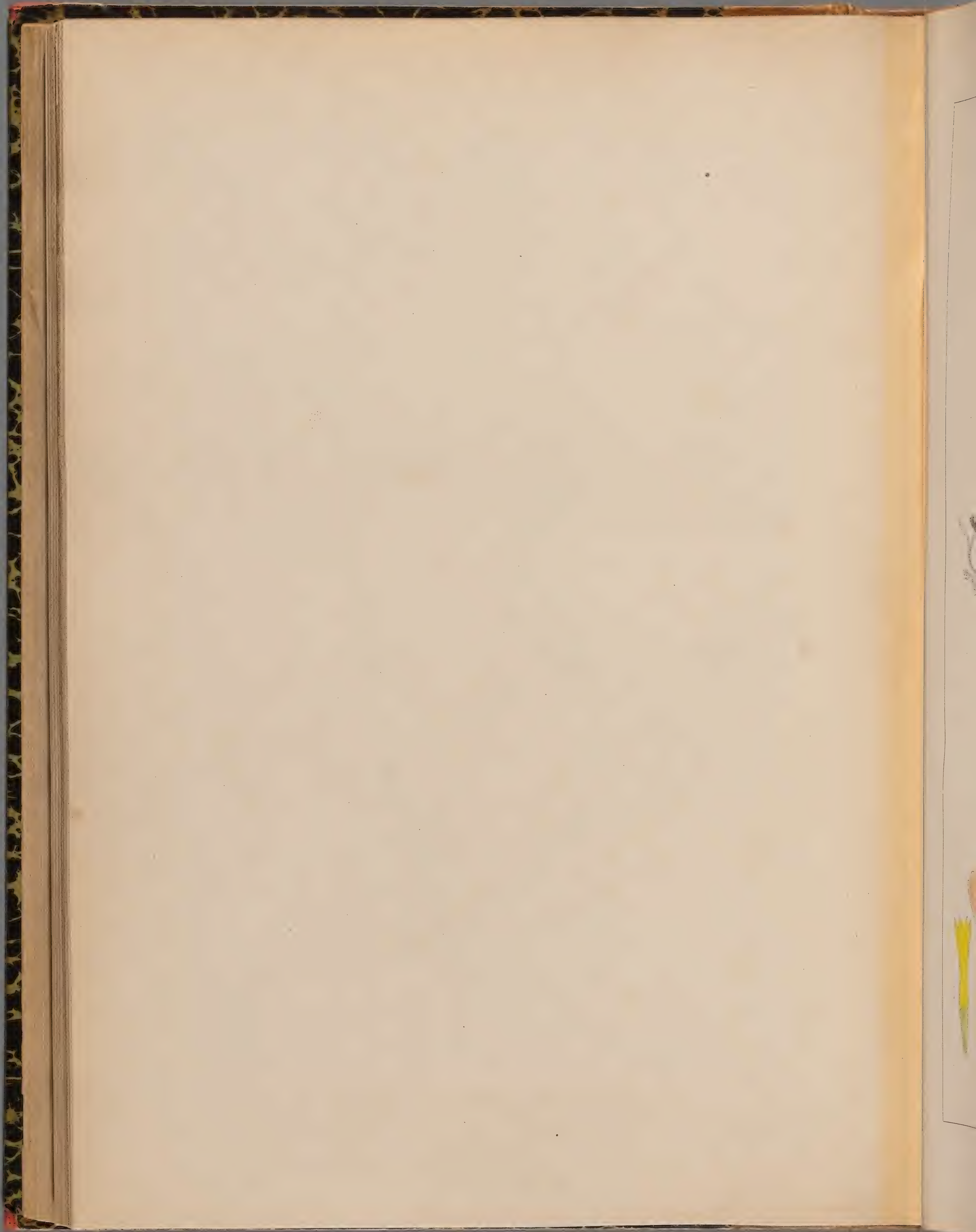


M. INODORA. L. ①



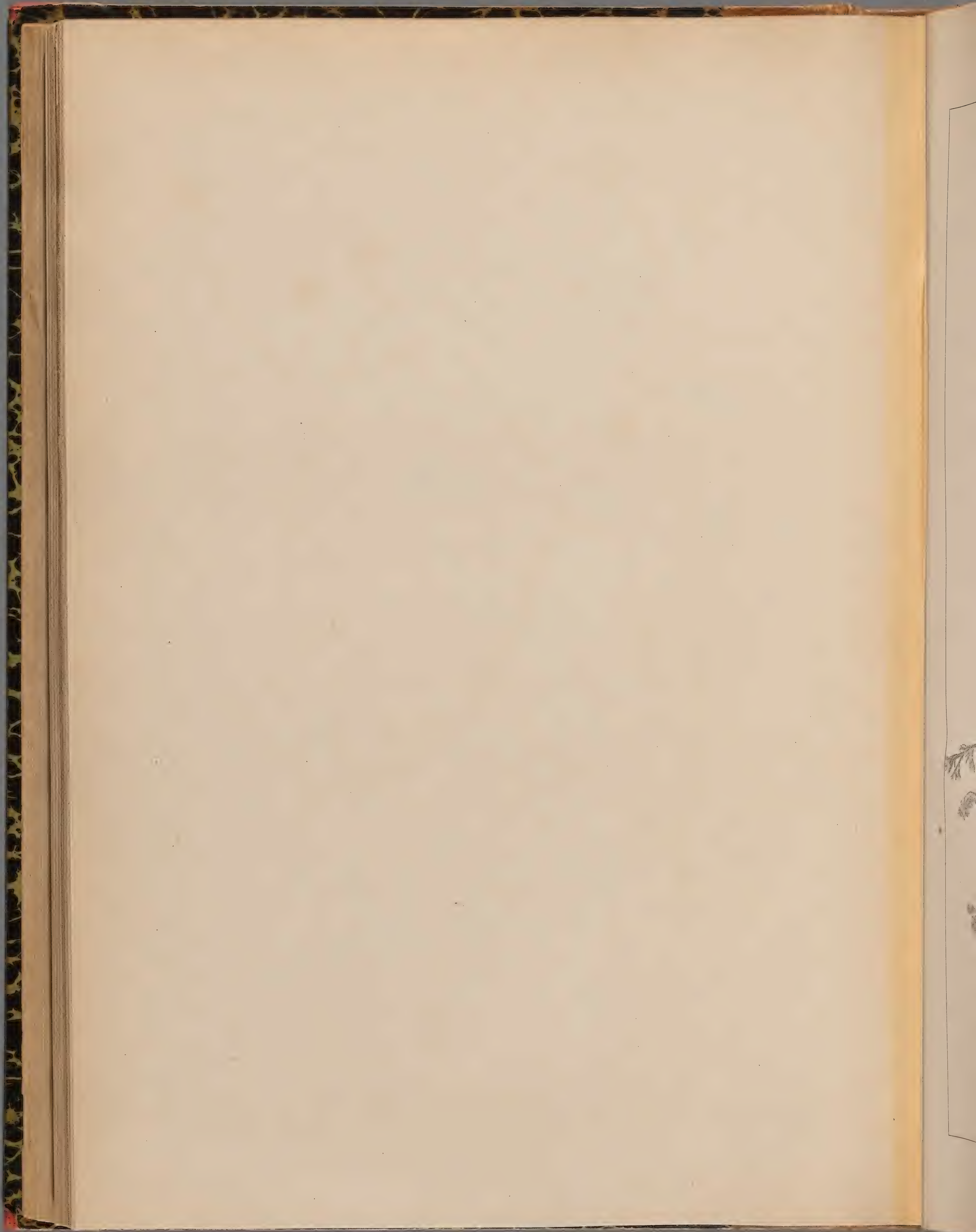


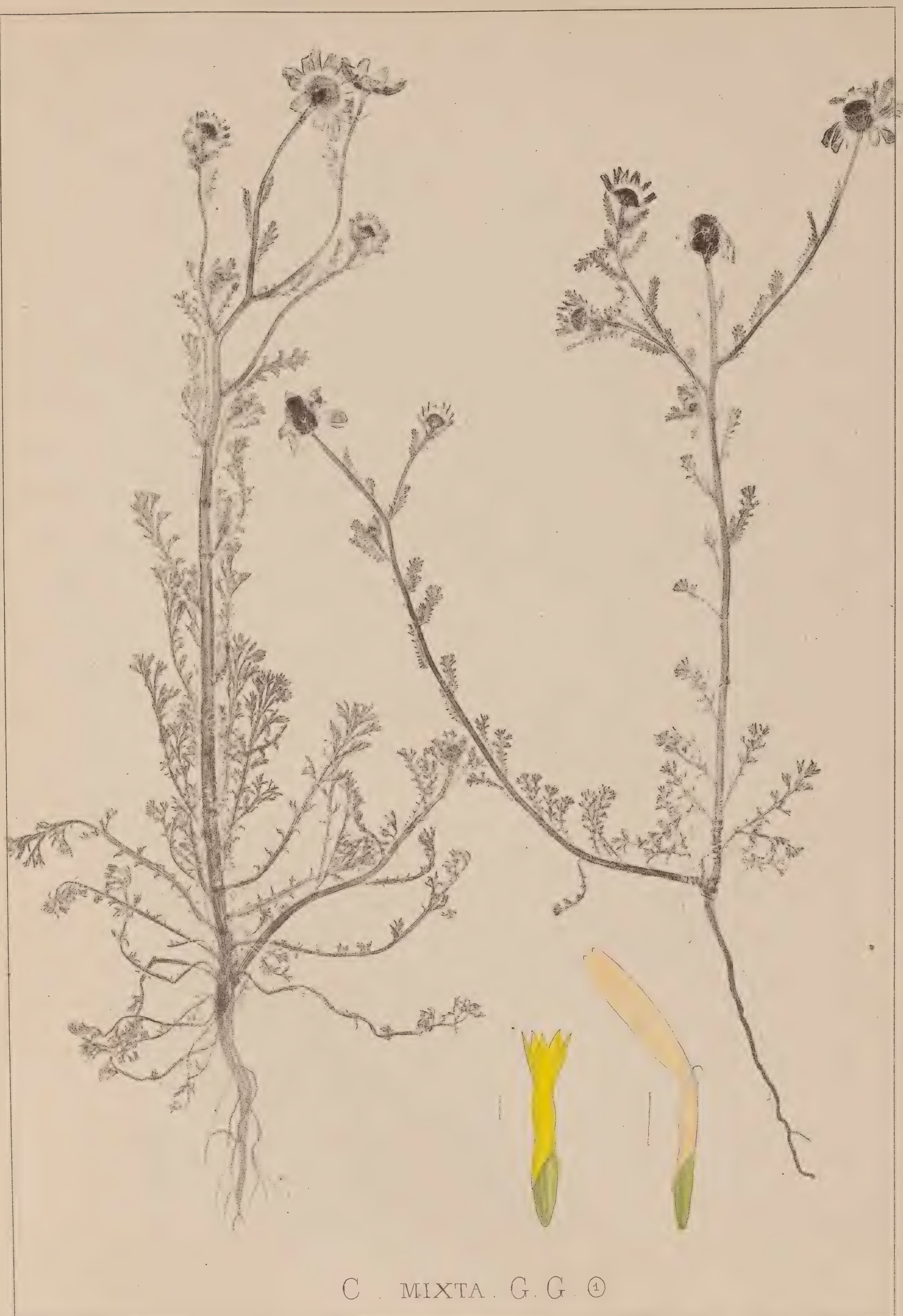
M. MARITIMA. L. ①



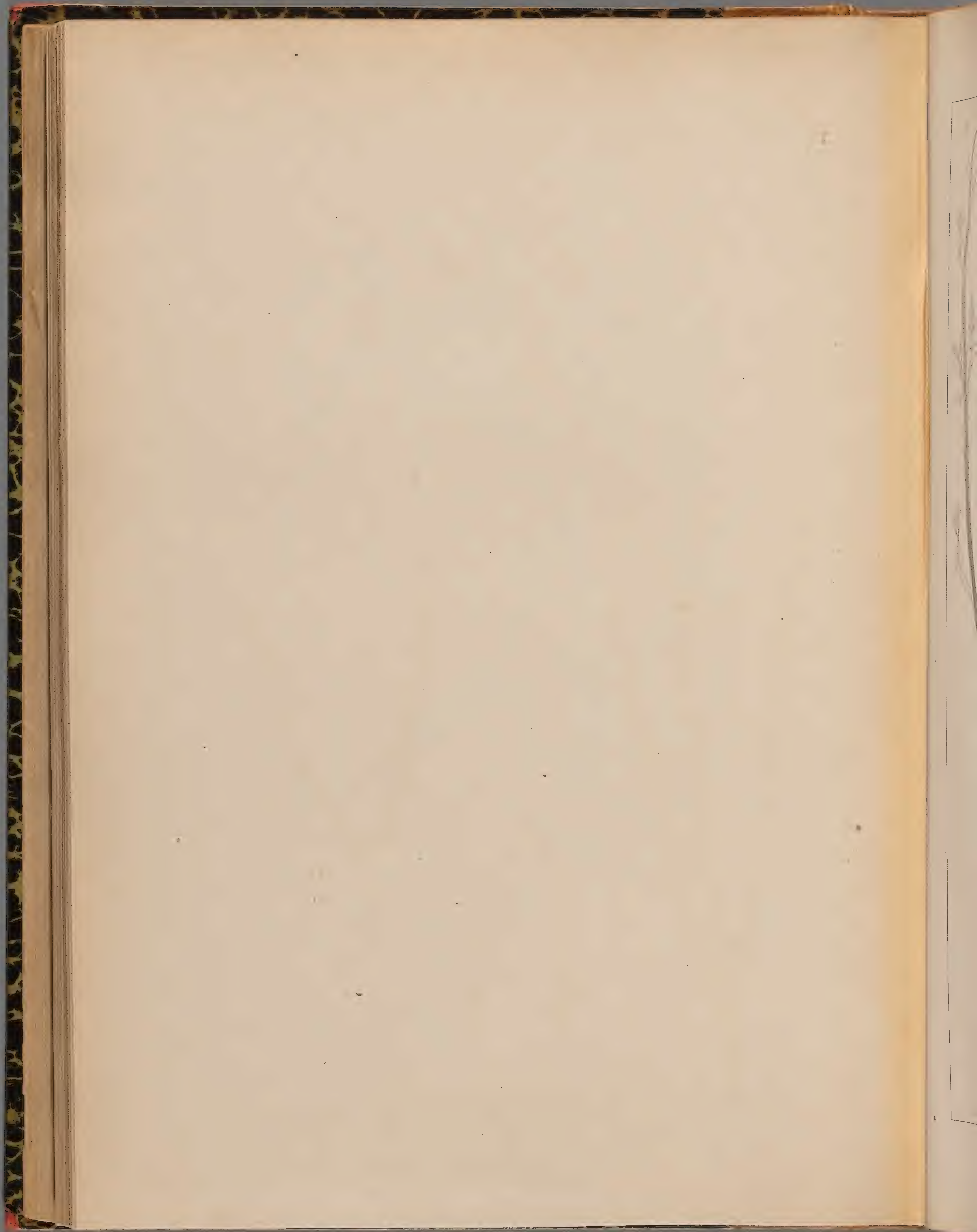


CHAMOMILLA NOBILIS. GOD. ♃



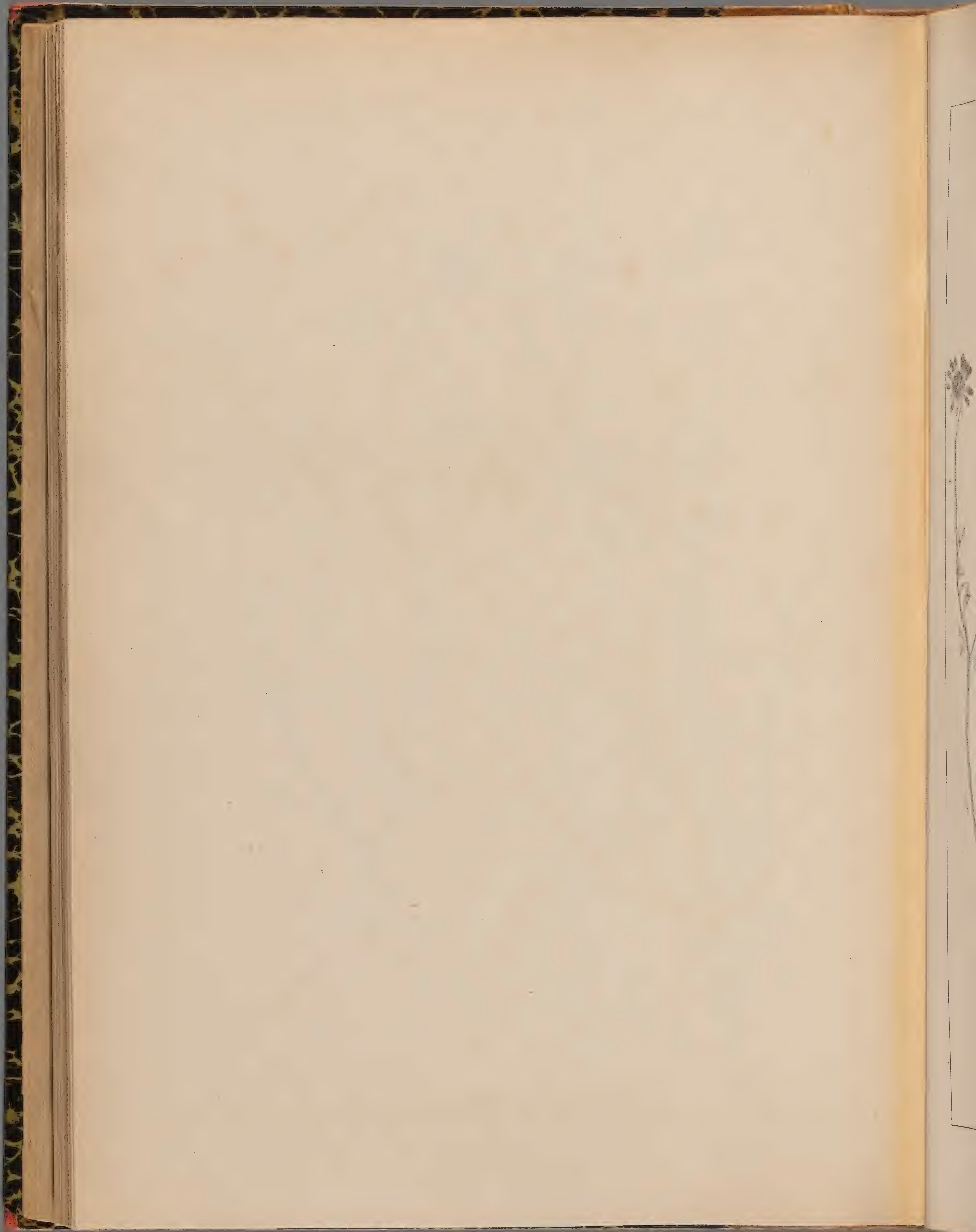


C . MIXTA . G . G . ①



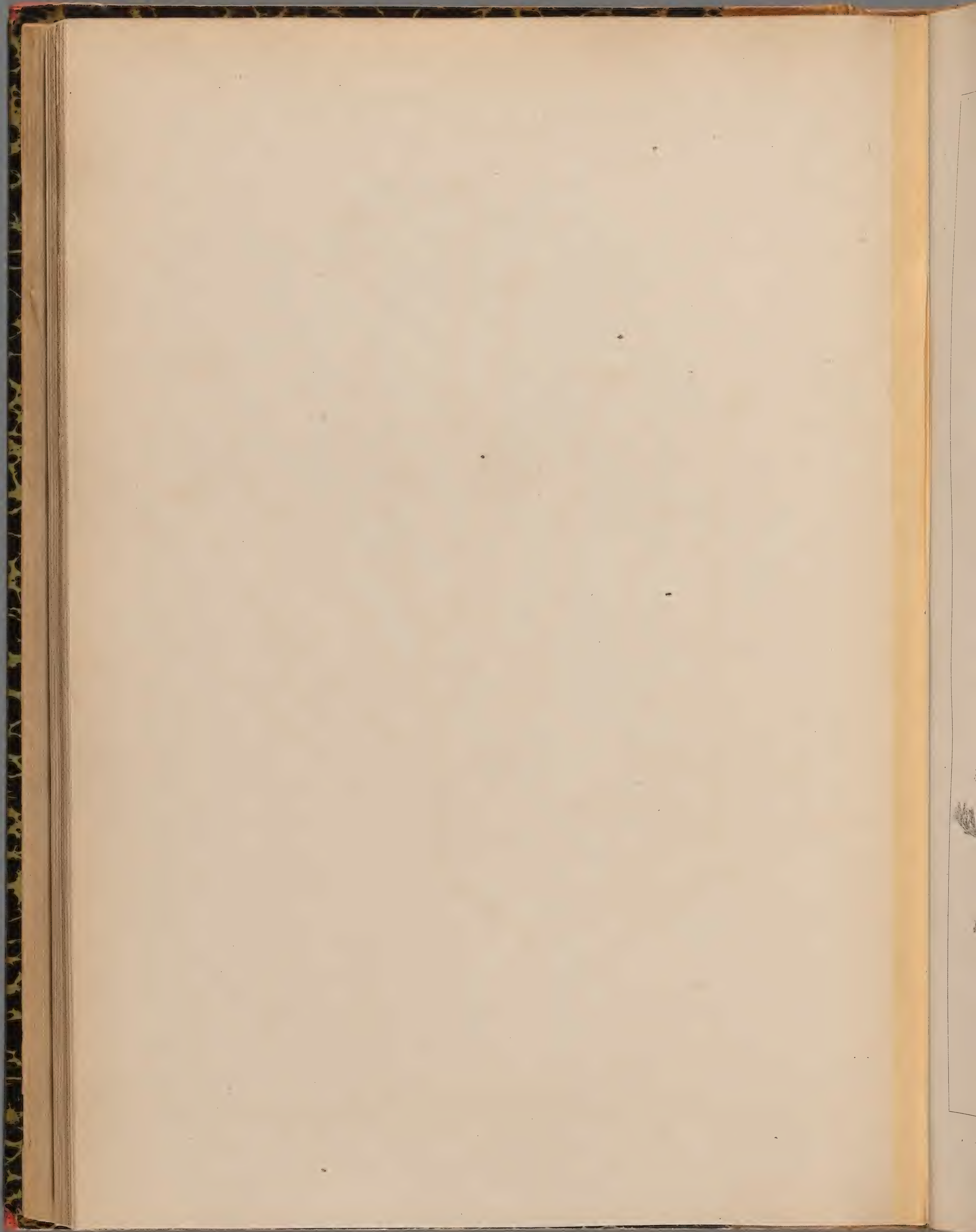


C. FUSCATA. G. G. ①





ANTHEMIS ARVENSIS. L. ①

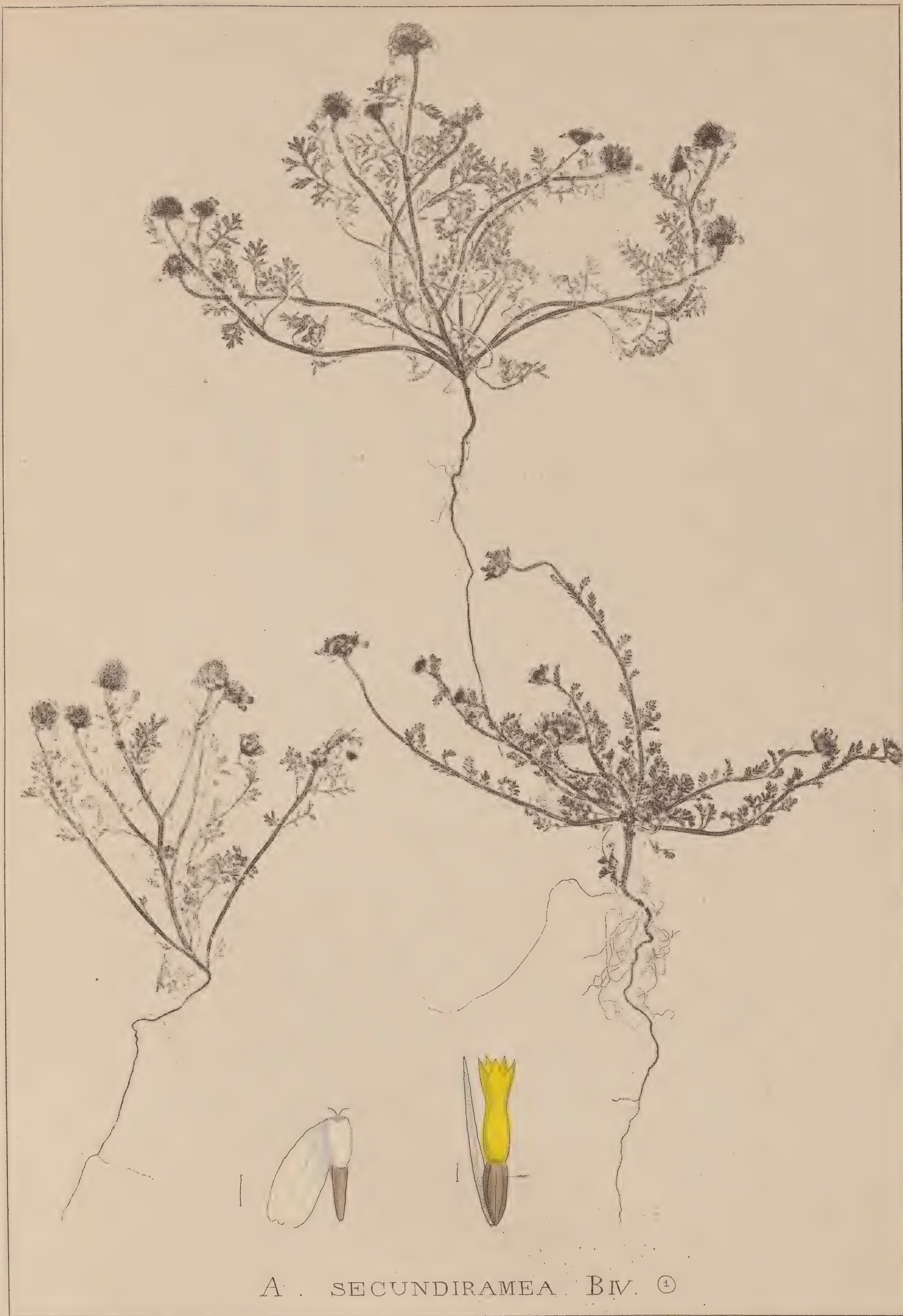




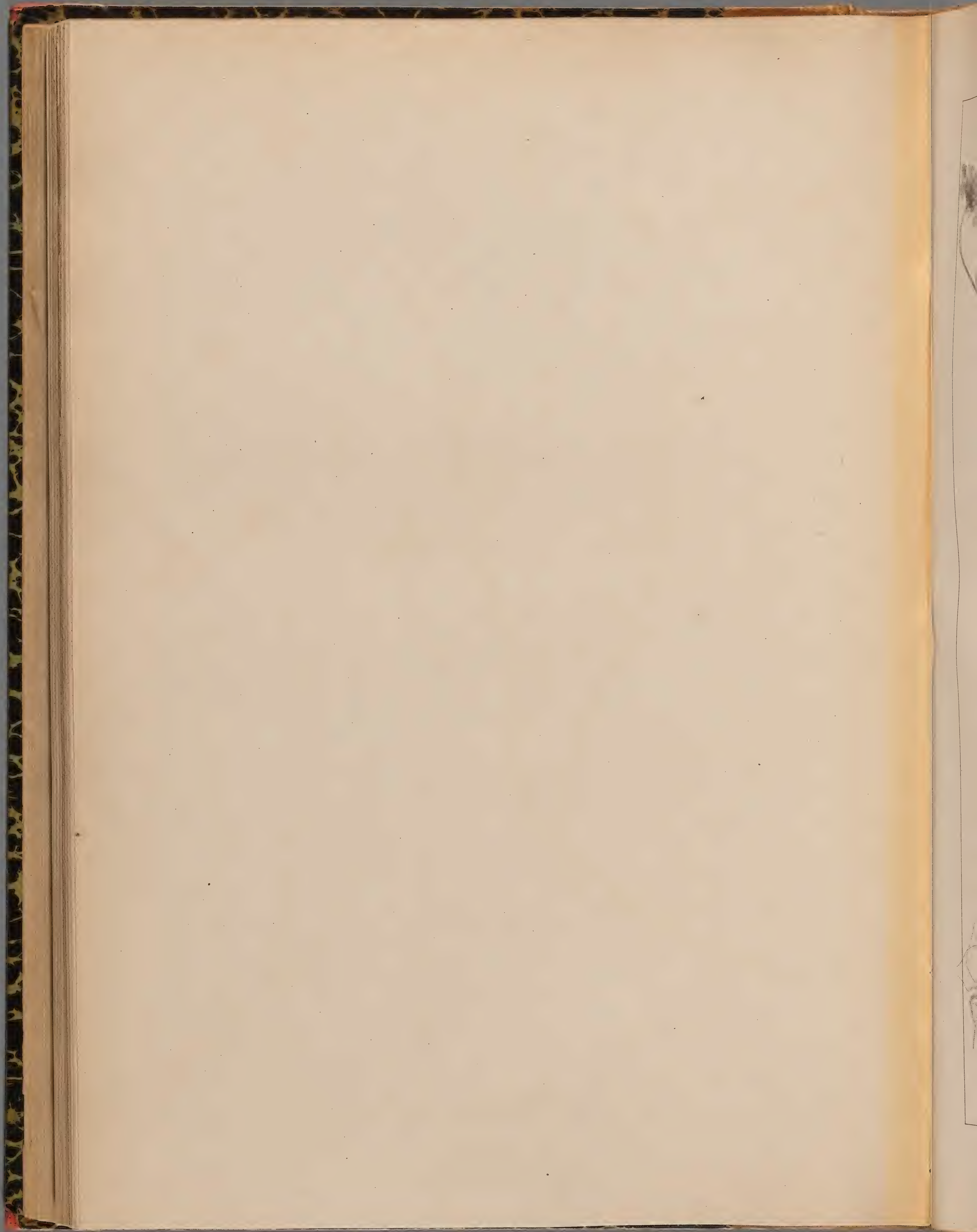
A. NICÆENSIS. WILLD. ①



A. COTULA. L. ①



A. SECUNDIRAMEA. BIV. ①





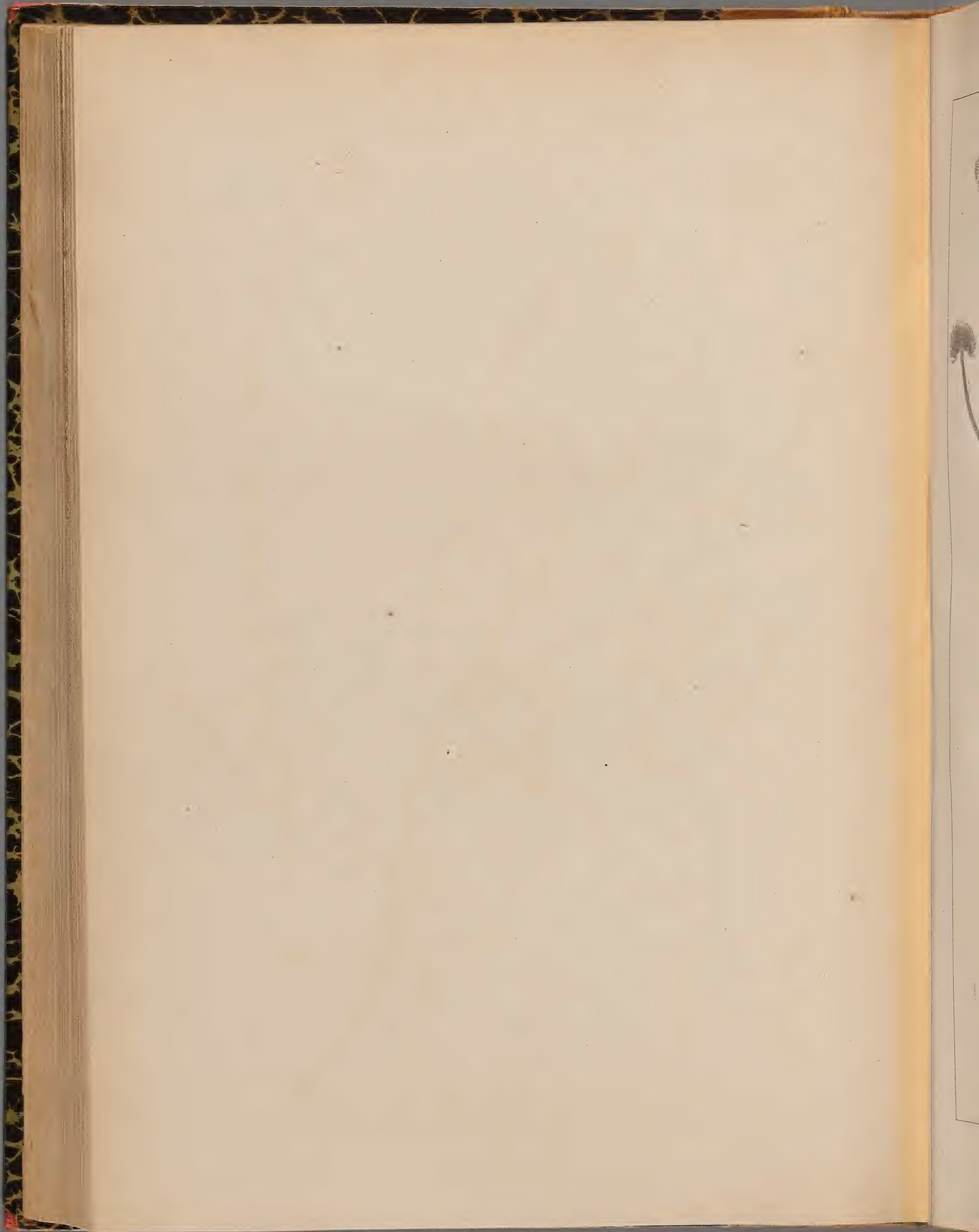
A. MARITIMA. L. ♃



A. MONTANA. L. ♃

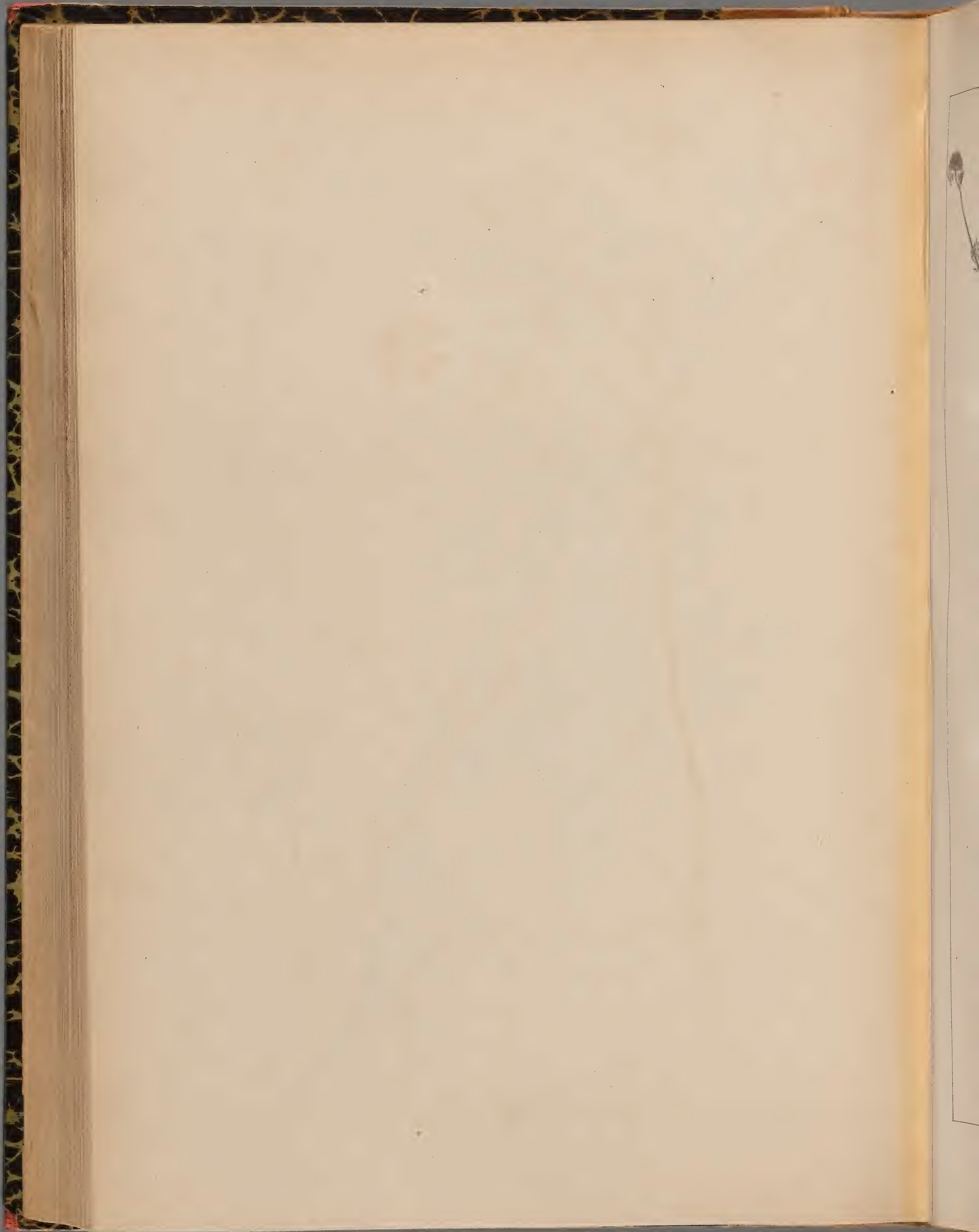


COTA . ALTISSIMA . GAY. ①



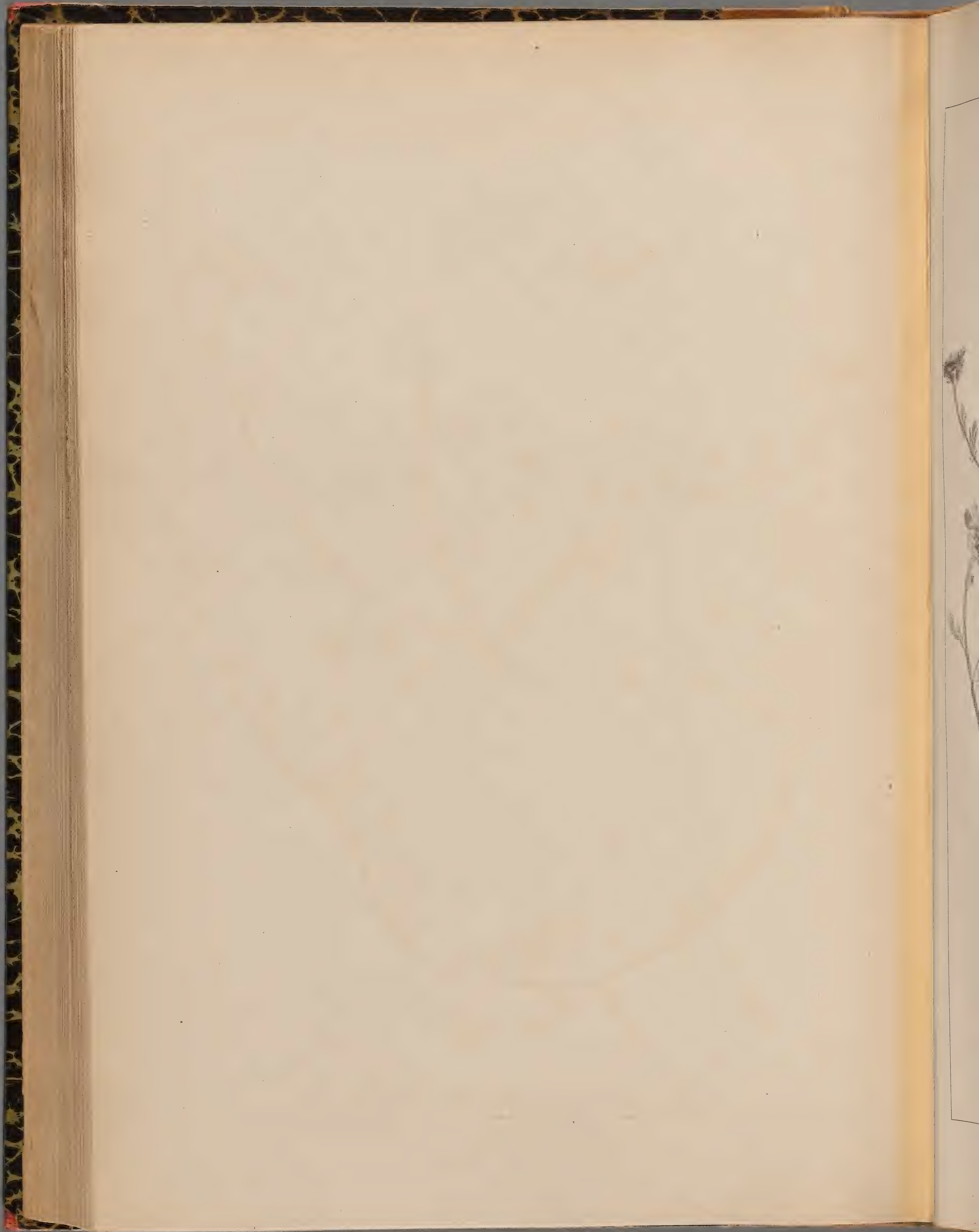


C. TINCTORIA. GAY. ♃





C. TRIUMPHETTI. GAY. ♃

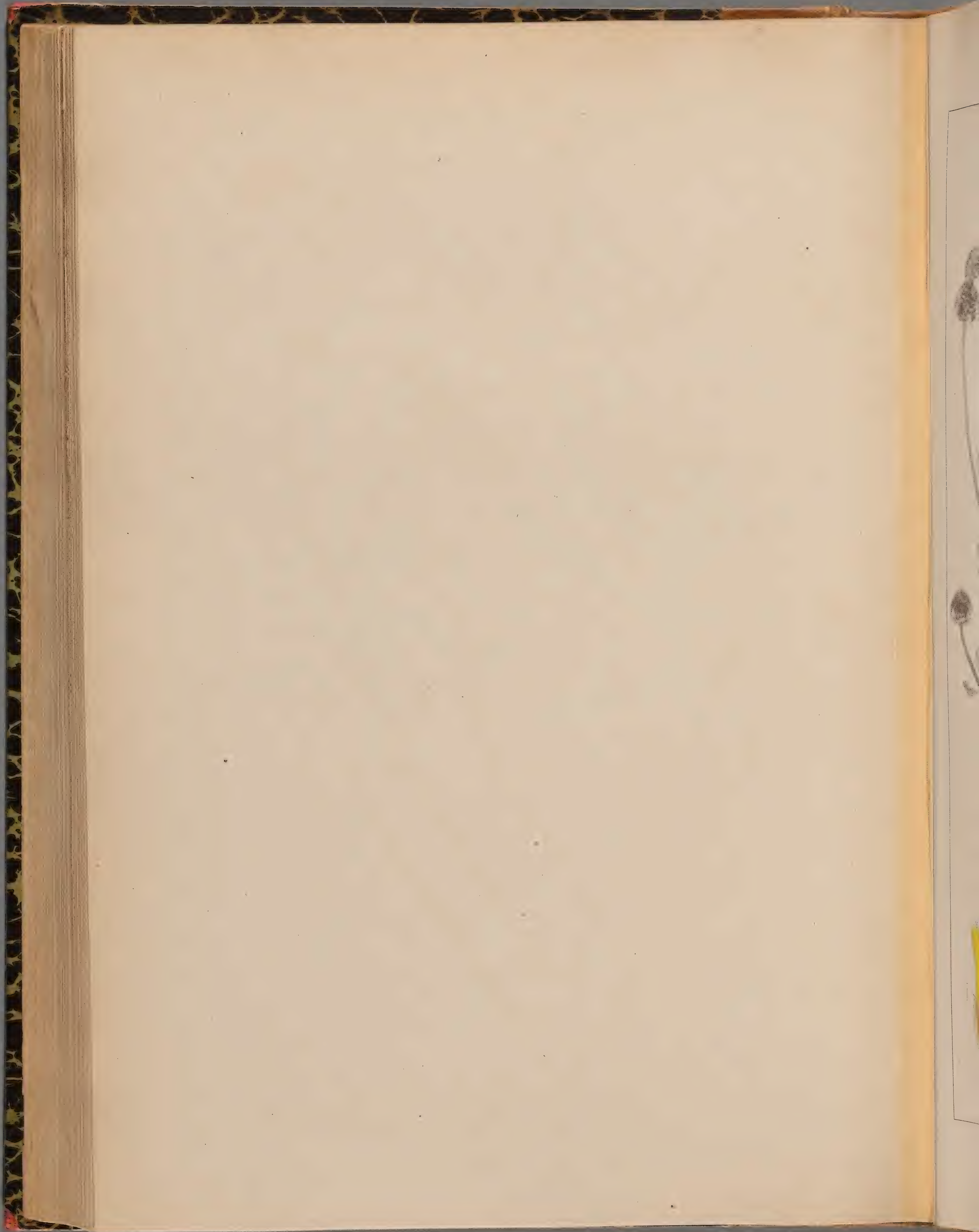




ANACYCLUS CLAVTUS . PERS . ①

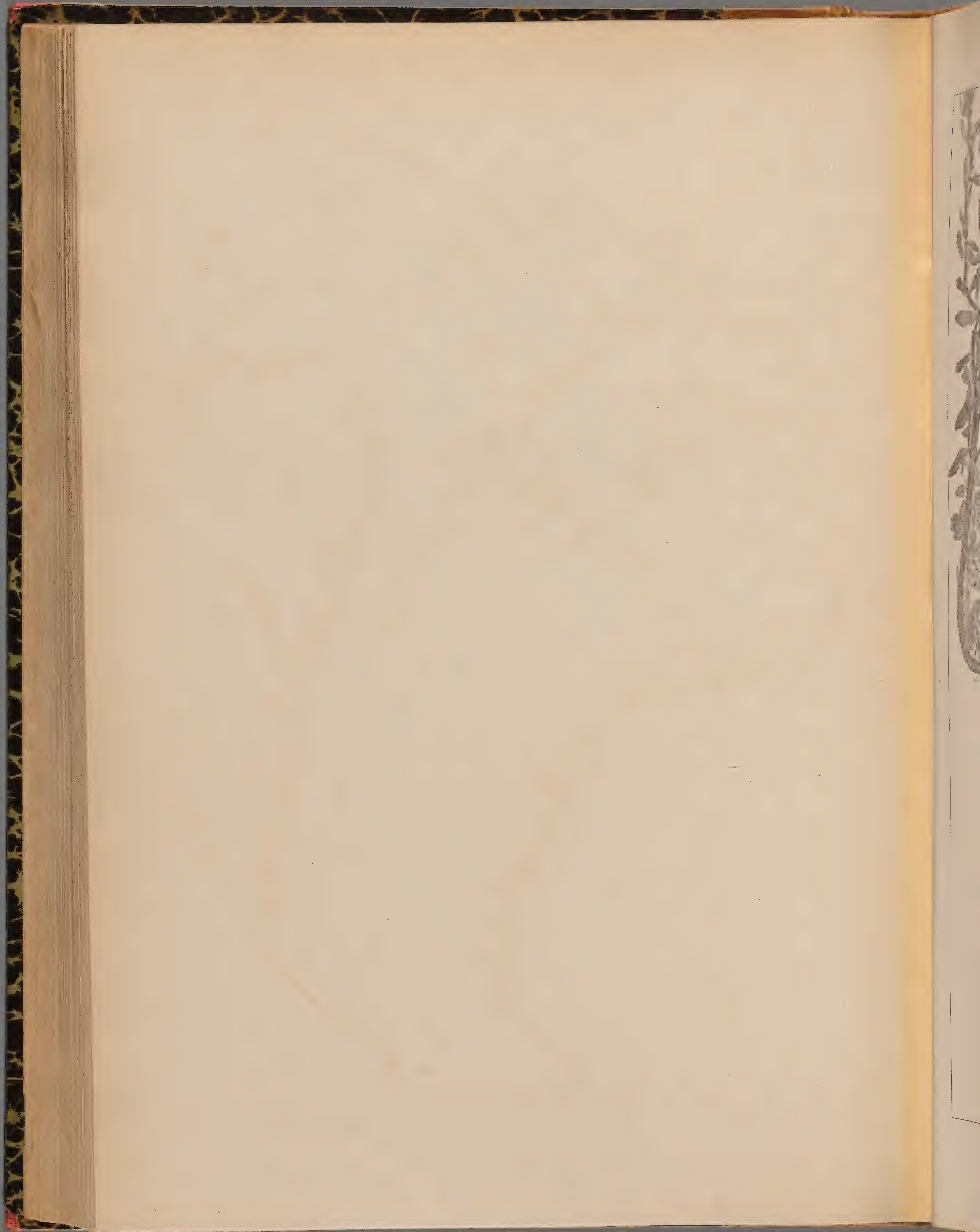


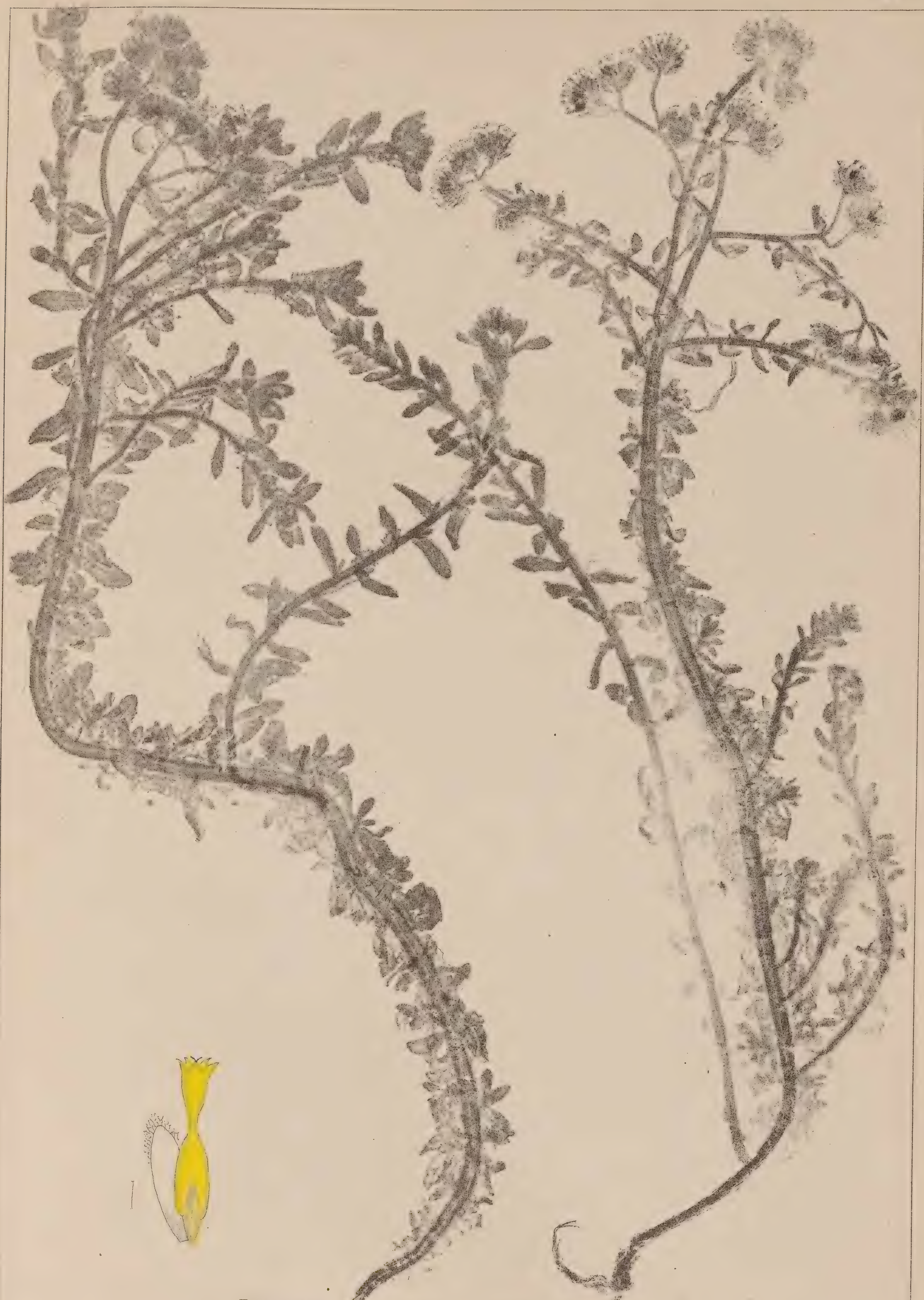
A. RADIATUS. LOIS. ①



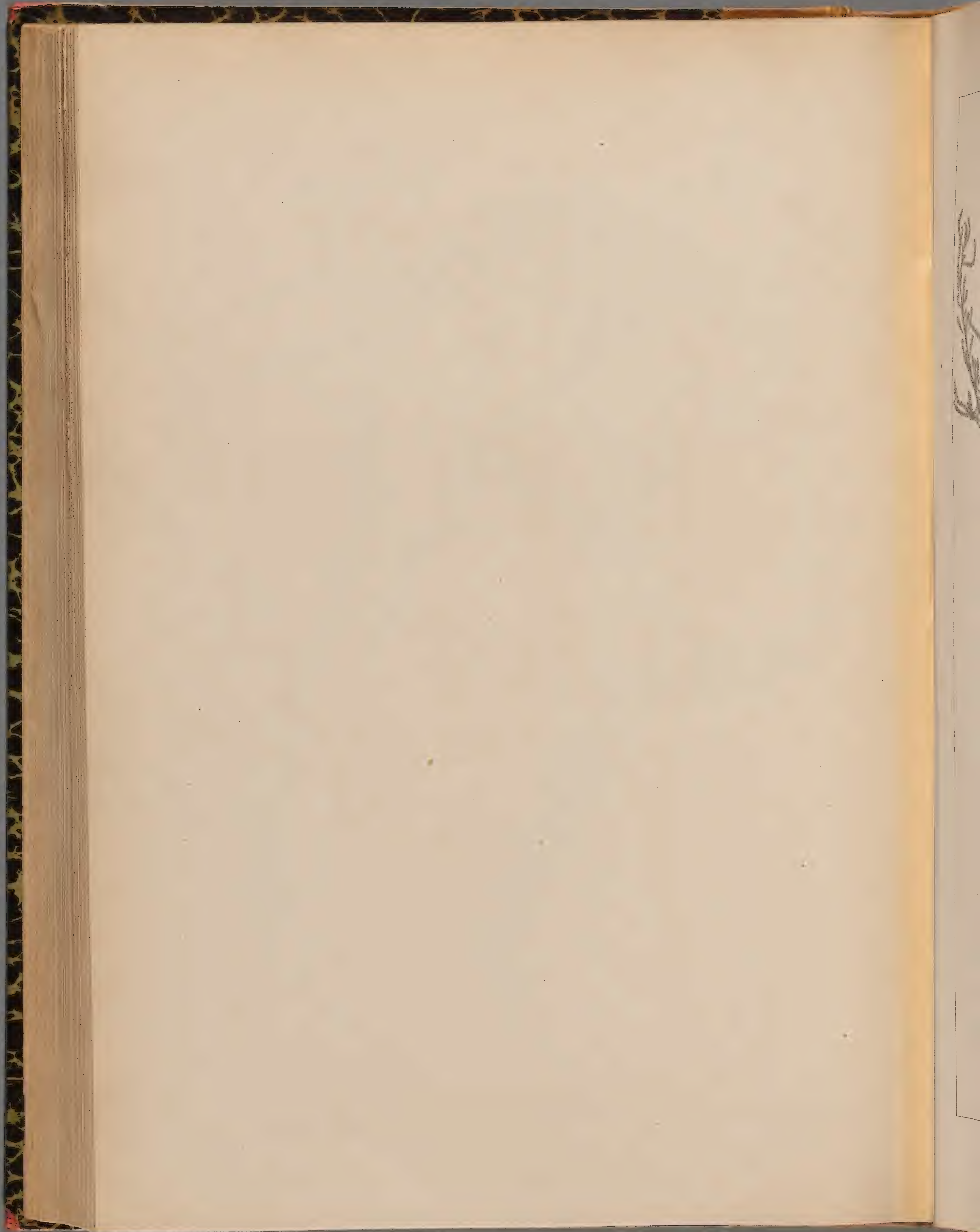


A. VALENTINUS. L. ①



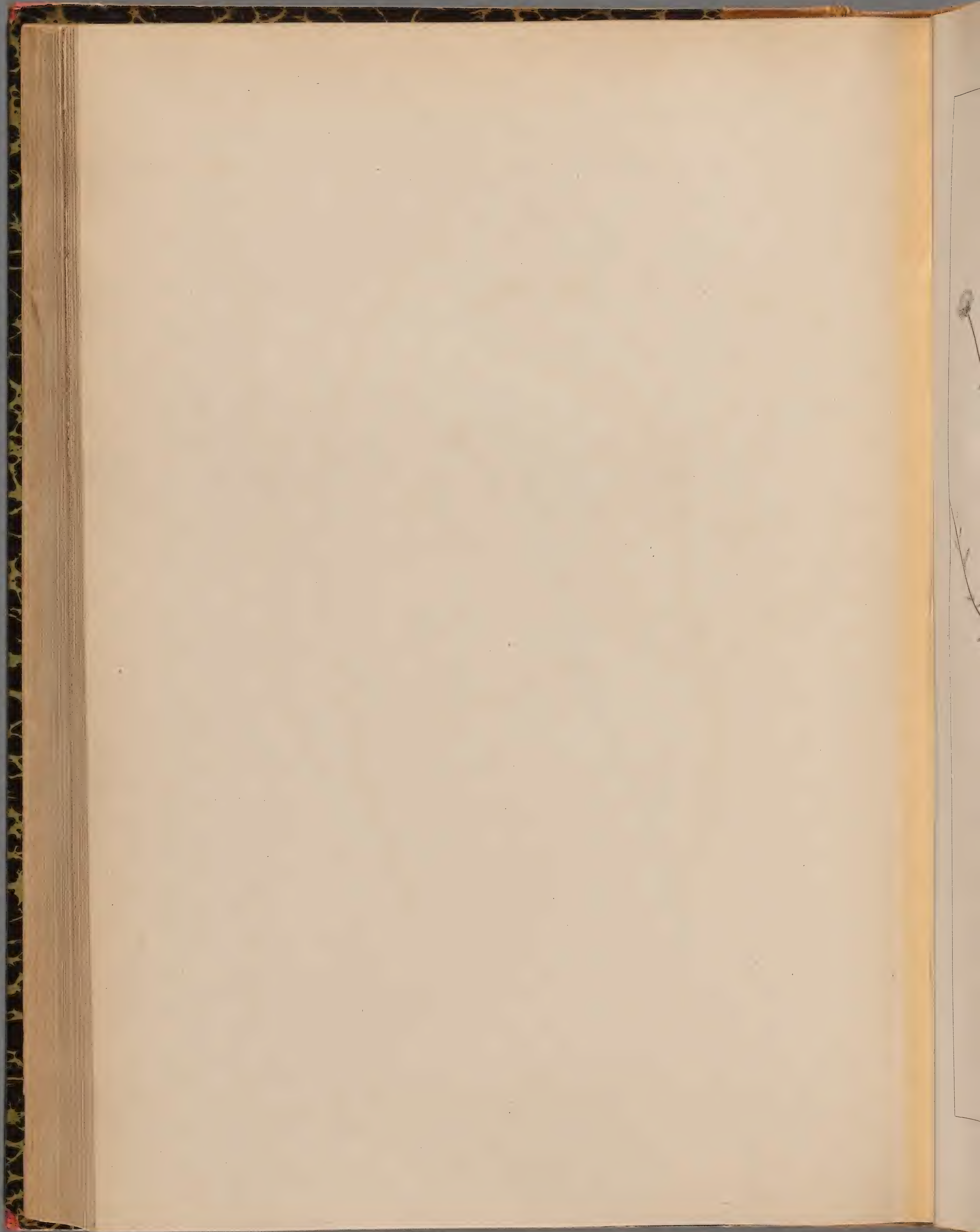


DIOTIS CANDIDISSIMA. DESF. ♃





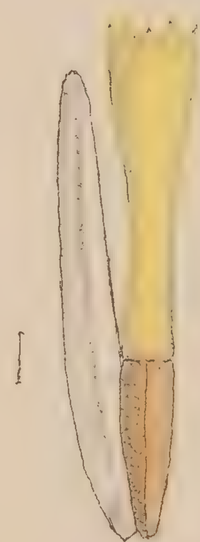
SANTOLINA CHAMÆCYPARISSUS. L. 5





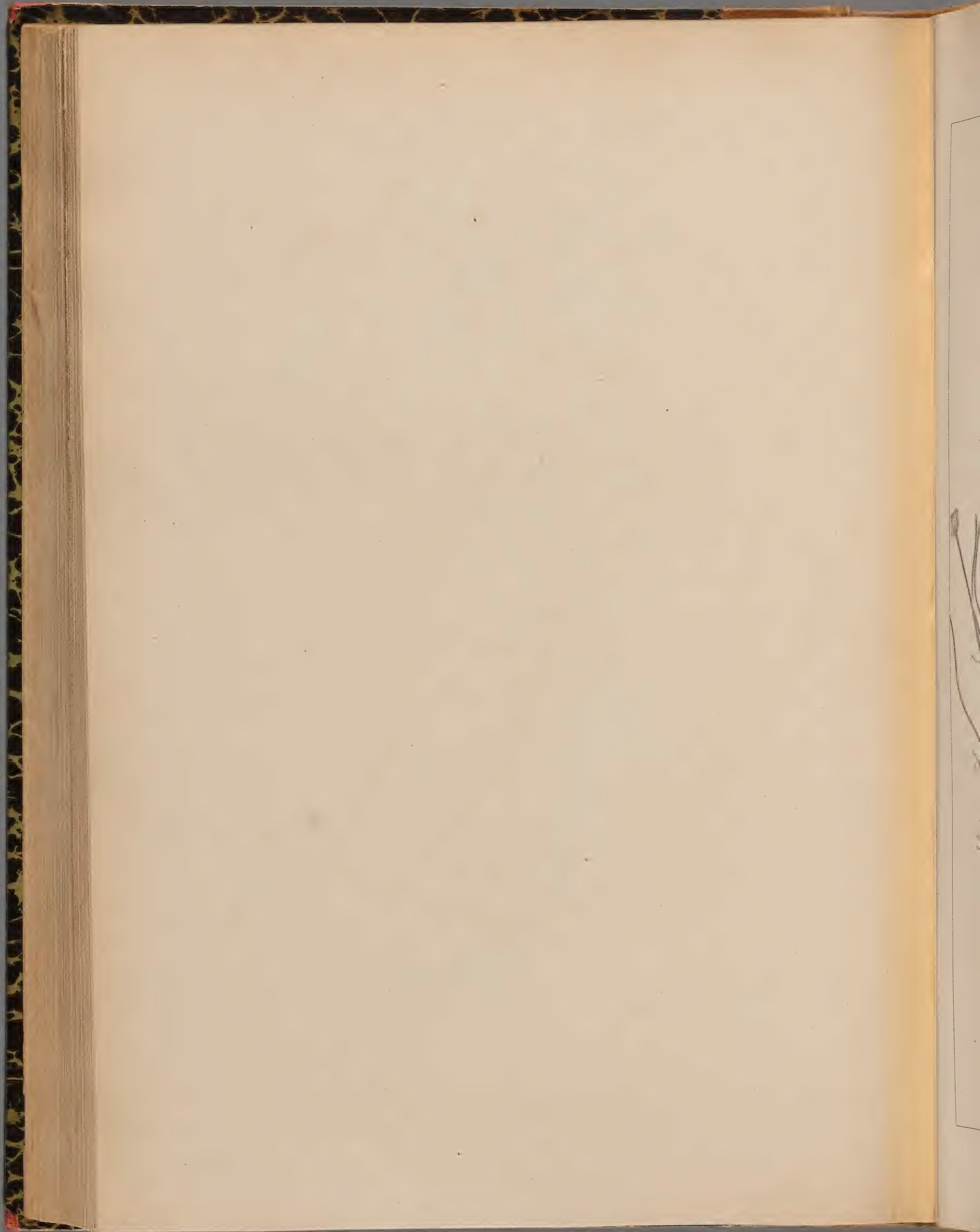
S. CHAMÆCYPARISSUS. L. ♄







S. VIRIDIS. Villd. ♄





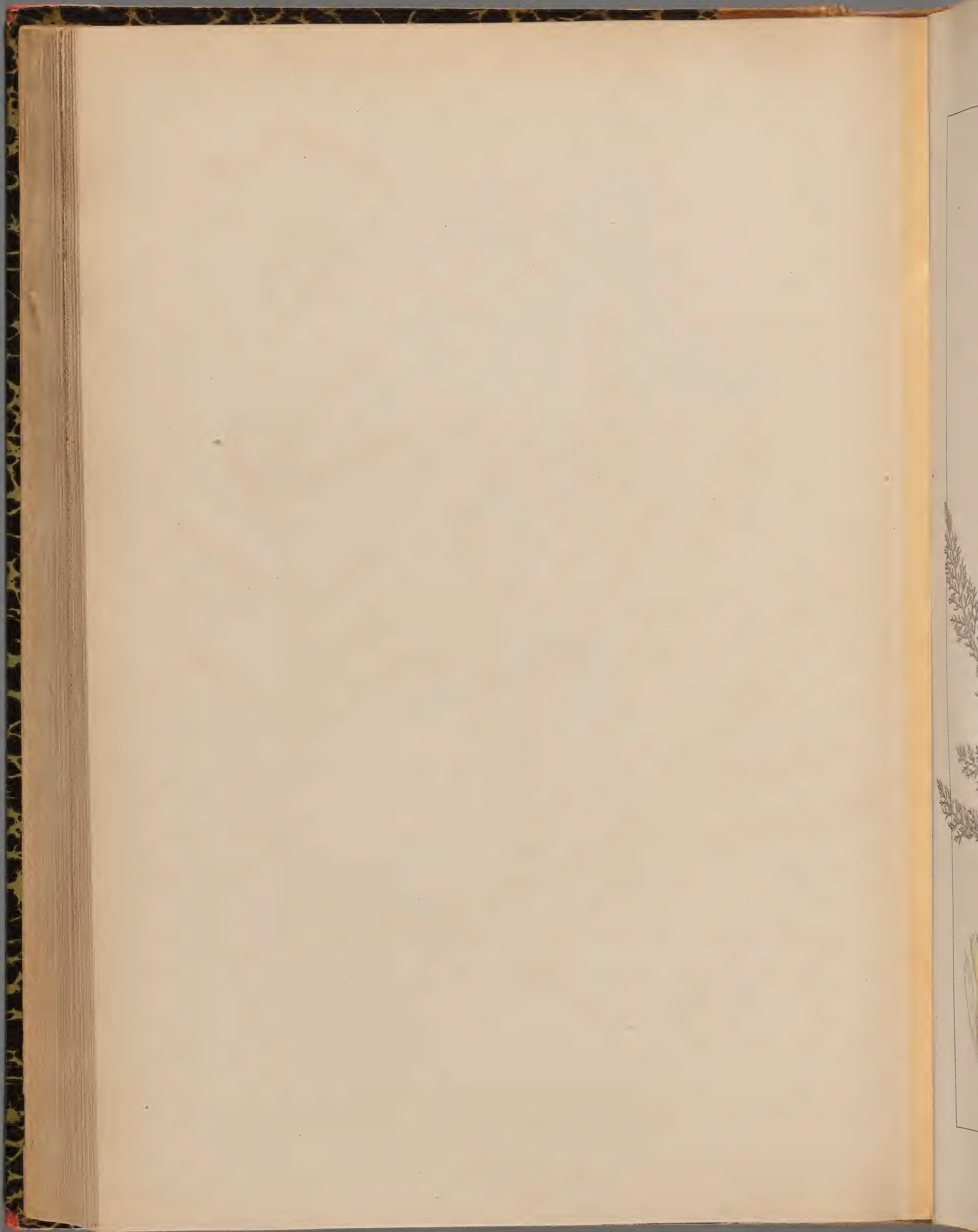
S. PECTINATA. LAG. 5



ACHILLEA . TOMENTOSA . L. ♃



A. ODORATA. L. ♃

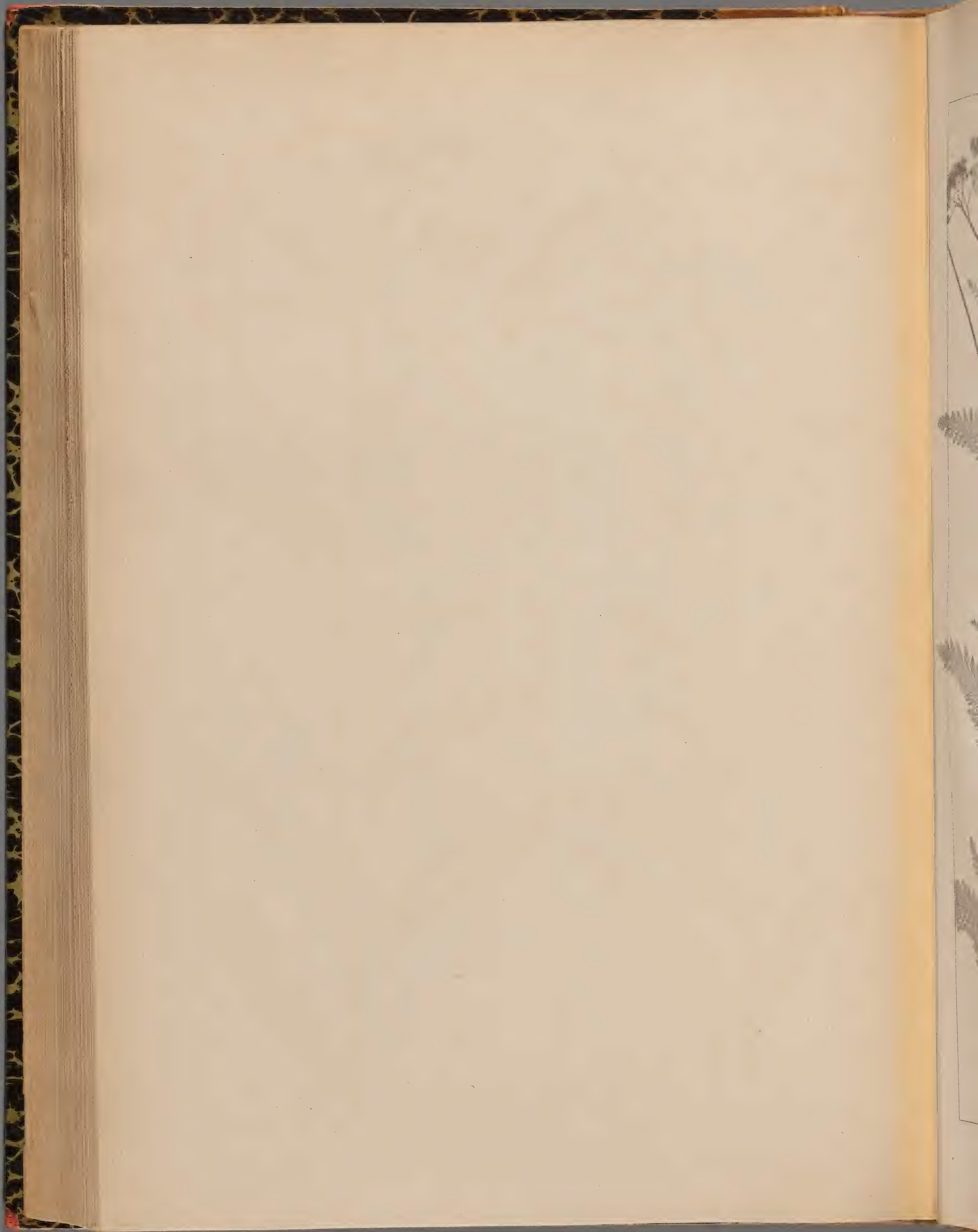




A. MILLEFOLIUM. L. ♃

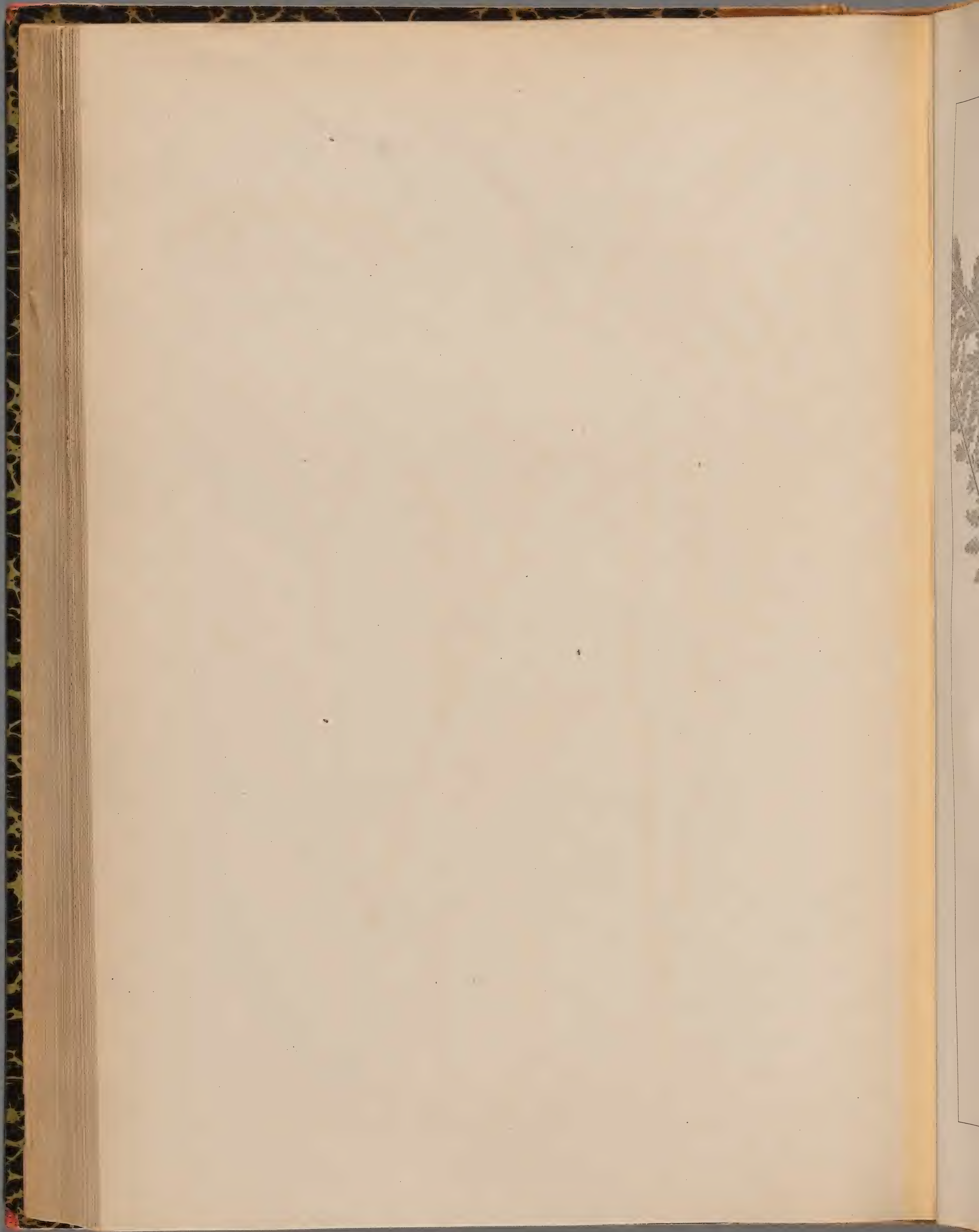


A. MILLEFOLIUM. L. ♃. Var. setacea.





A. COMPECTA. LAMK. ♃

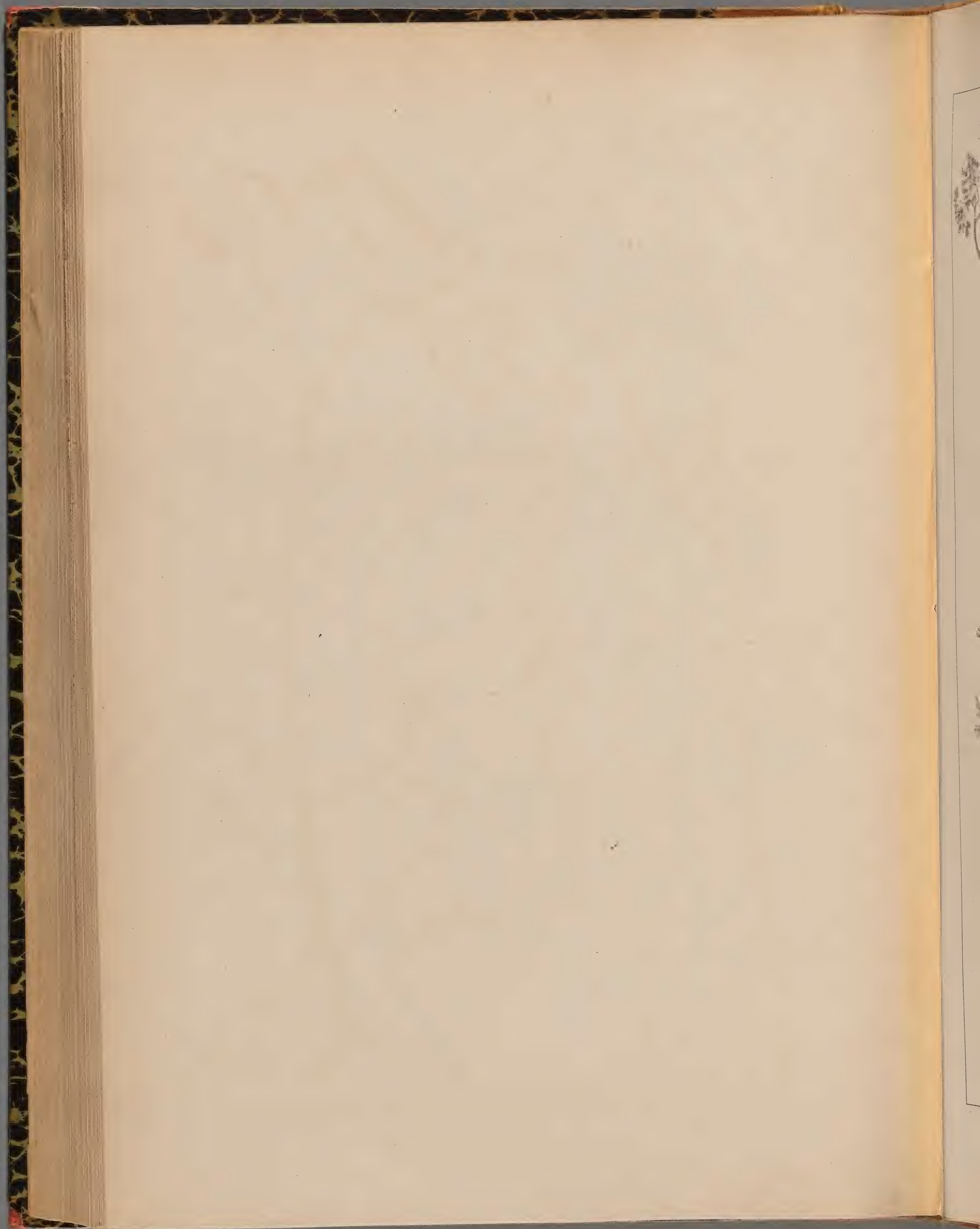



A. TANACETIFOLIA. ALL. ♃



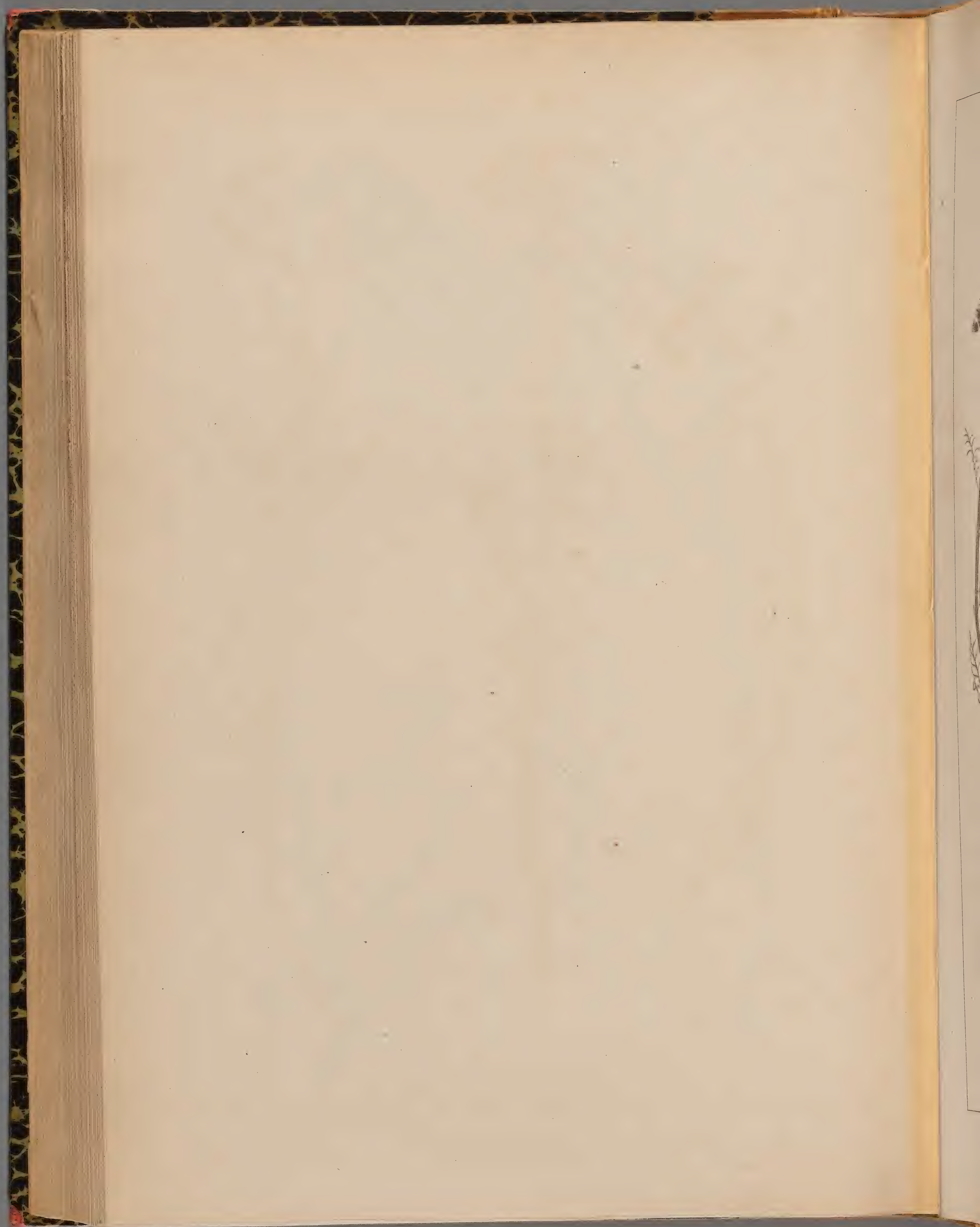
A . DENTIFERA . D . C . ♃


A. NOBILIS. L. ♃





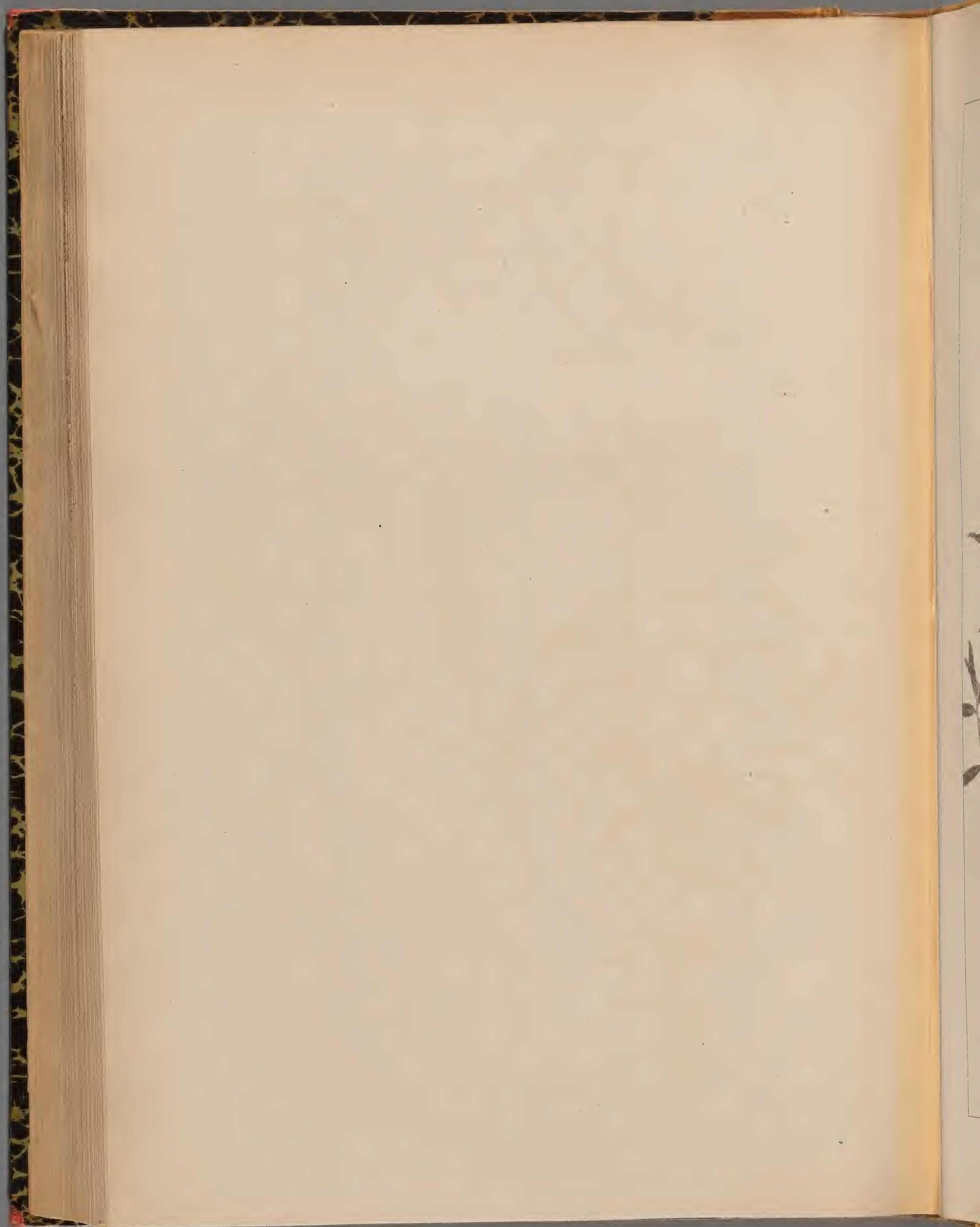
A . LIGUSTICA . ALL. ♃





A. CHAMÆMELIFOLIA. POURR. ♃


A. AGERATUM. L. ♃

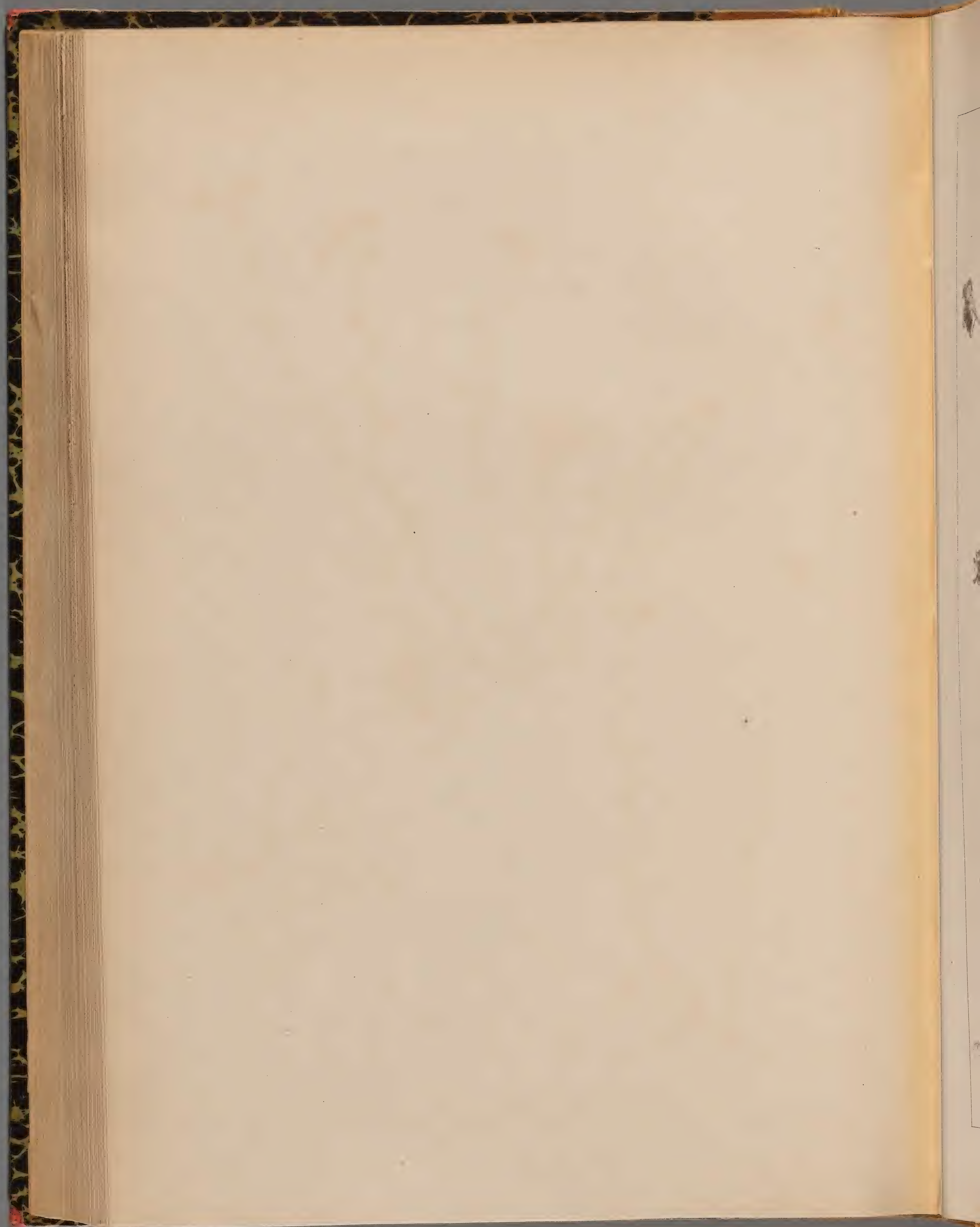




A. Ptarmica. L. ♃

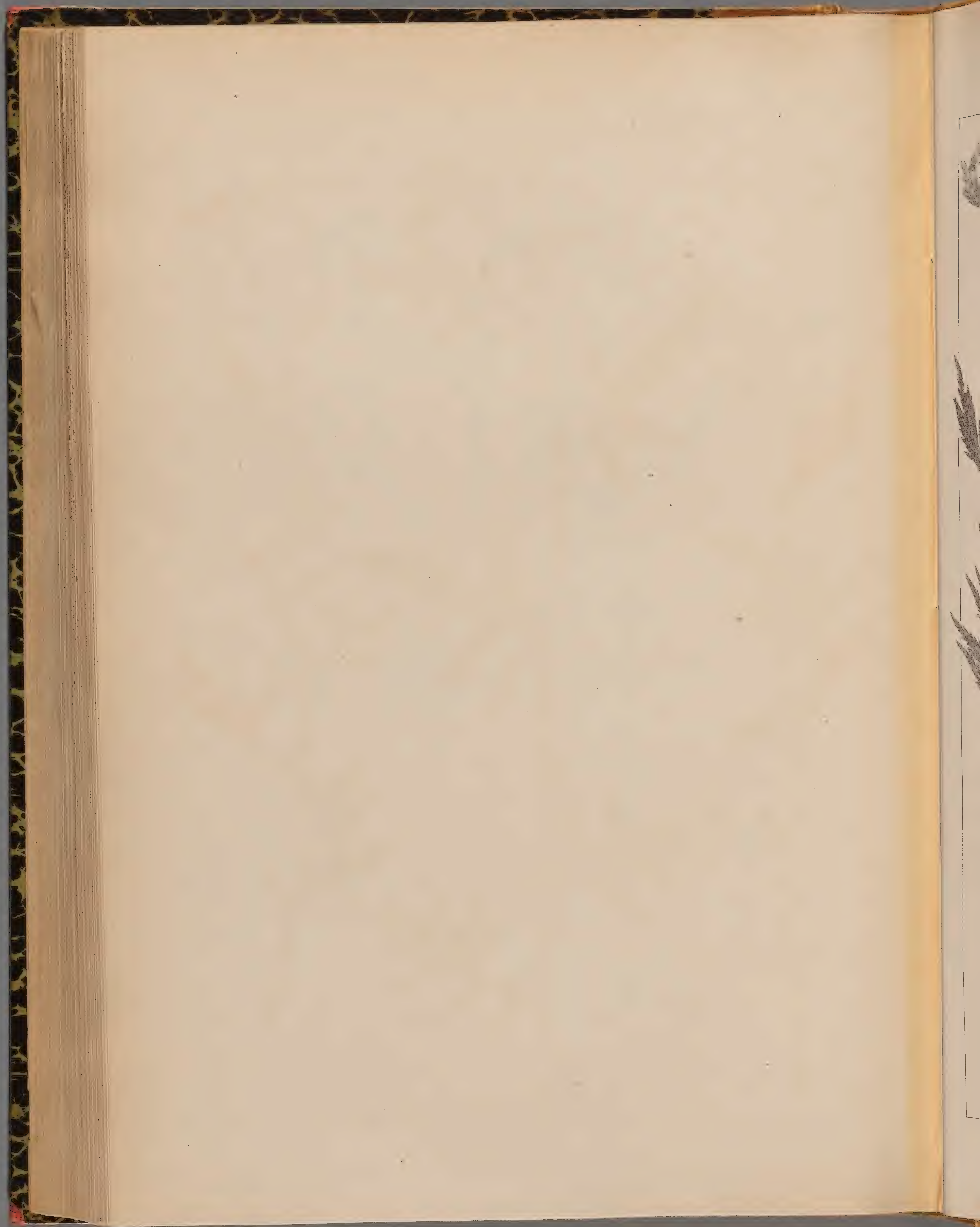


A. PYRENAICA. SIBTH. ♃



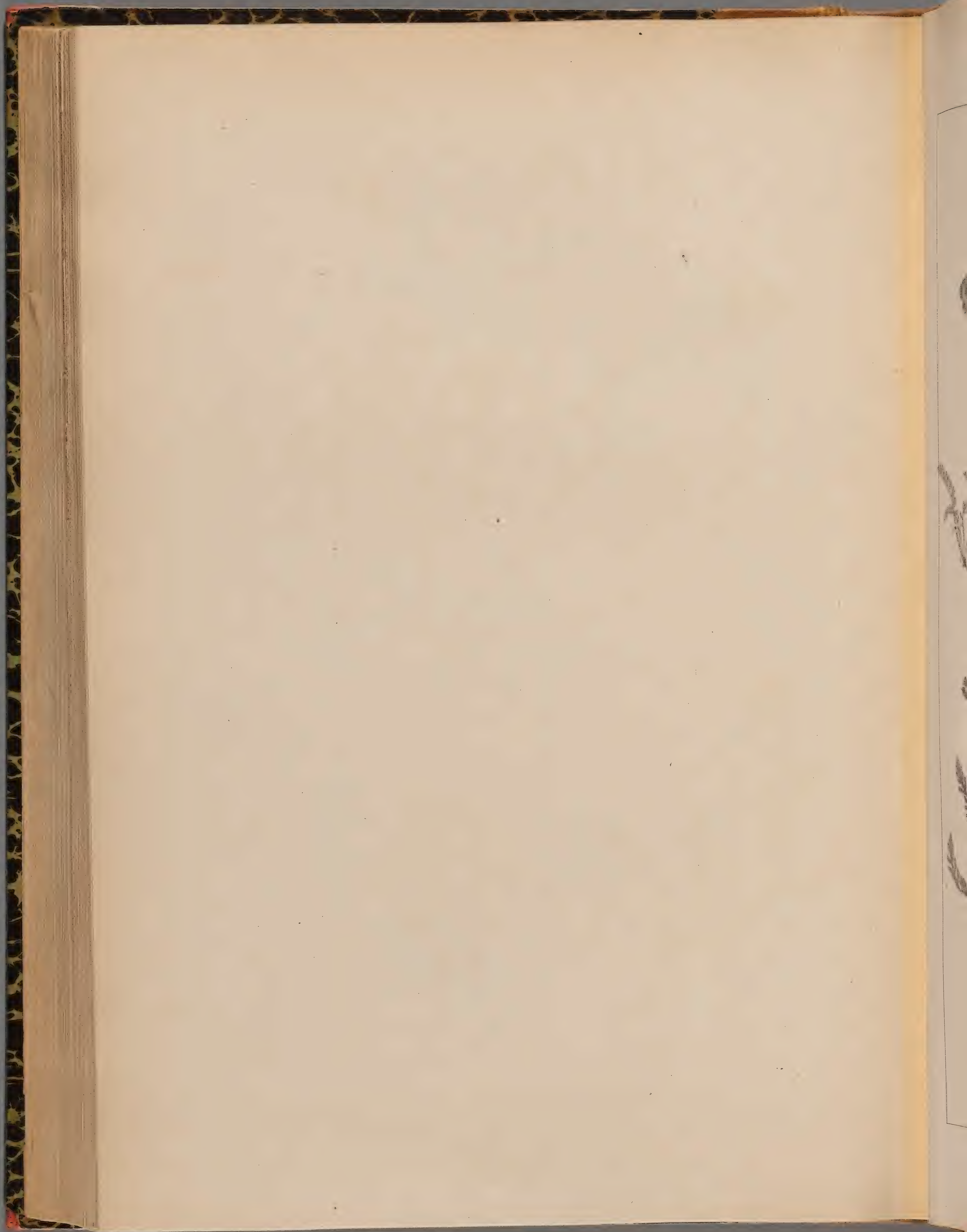


A. HERBA ROTA. ALL. ♃





A. MACROPHYLLA. L. ♃

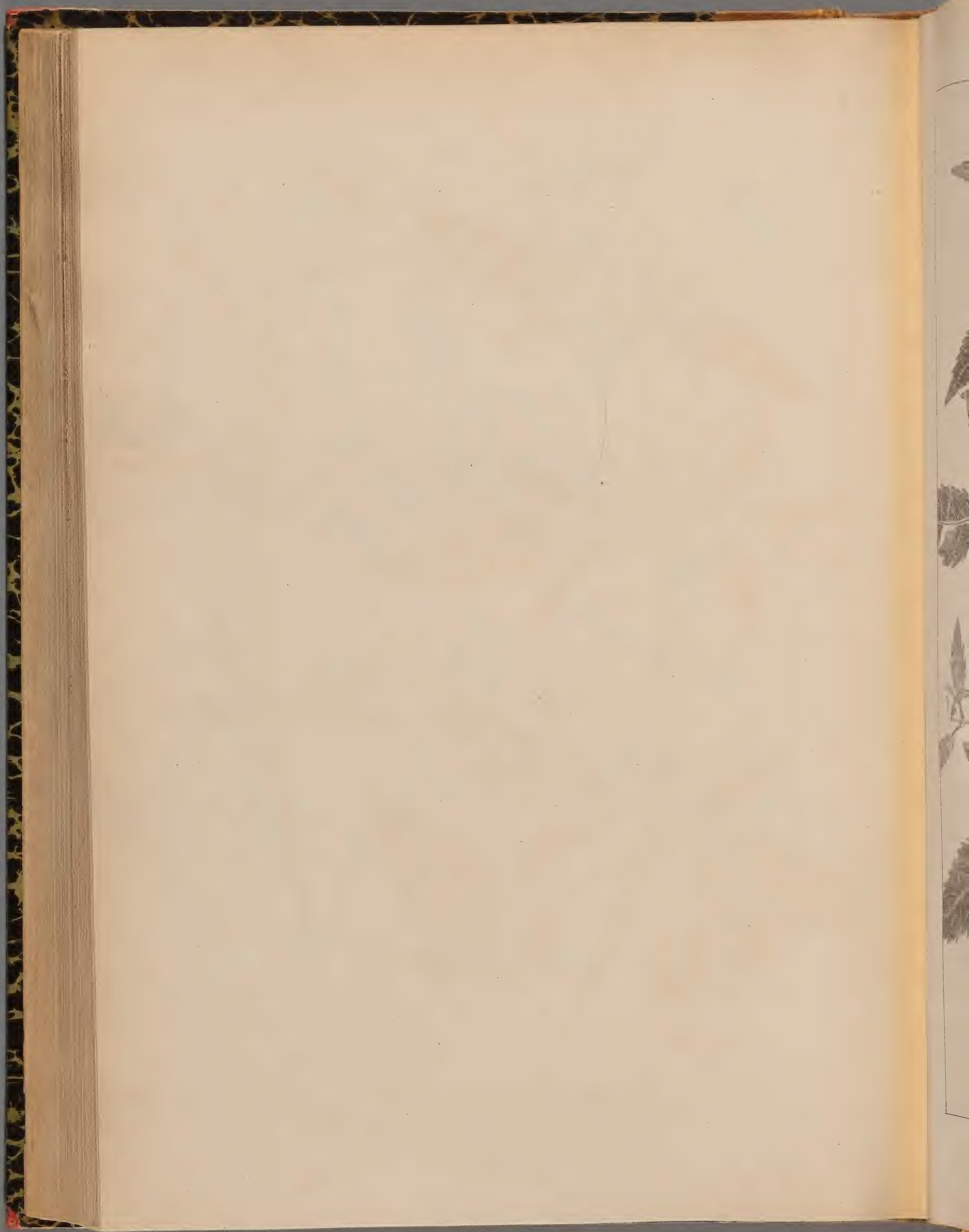




A. NANA. L. ♃

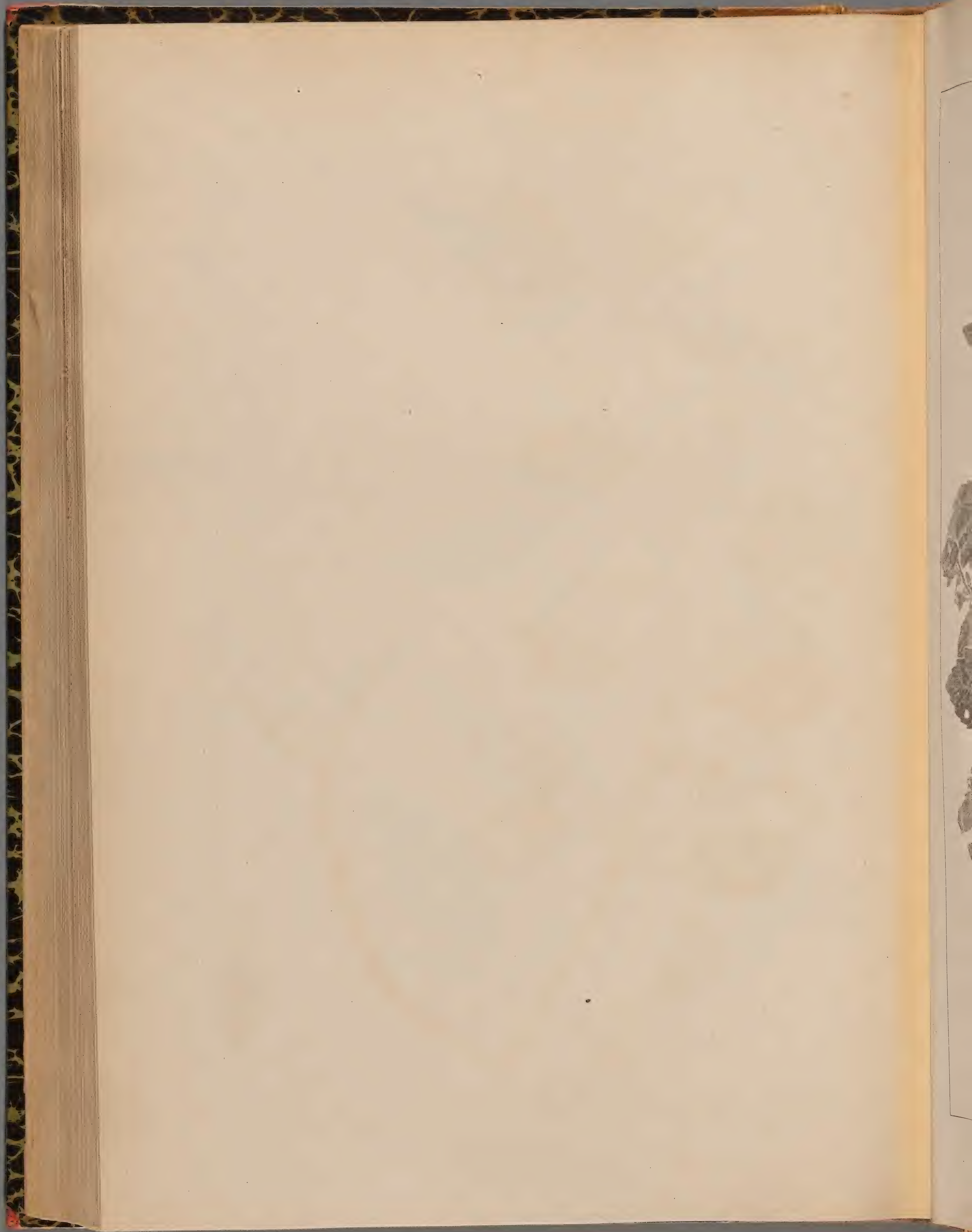


A. MOSCHATA. JACQ. ♃



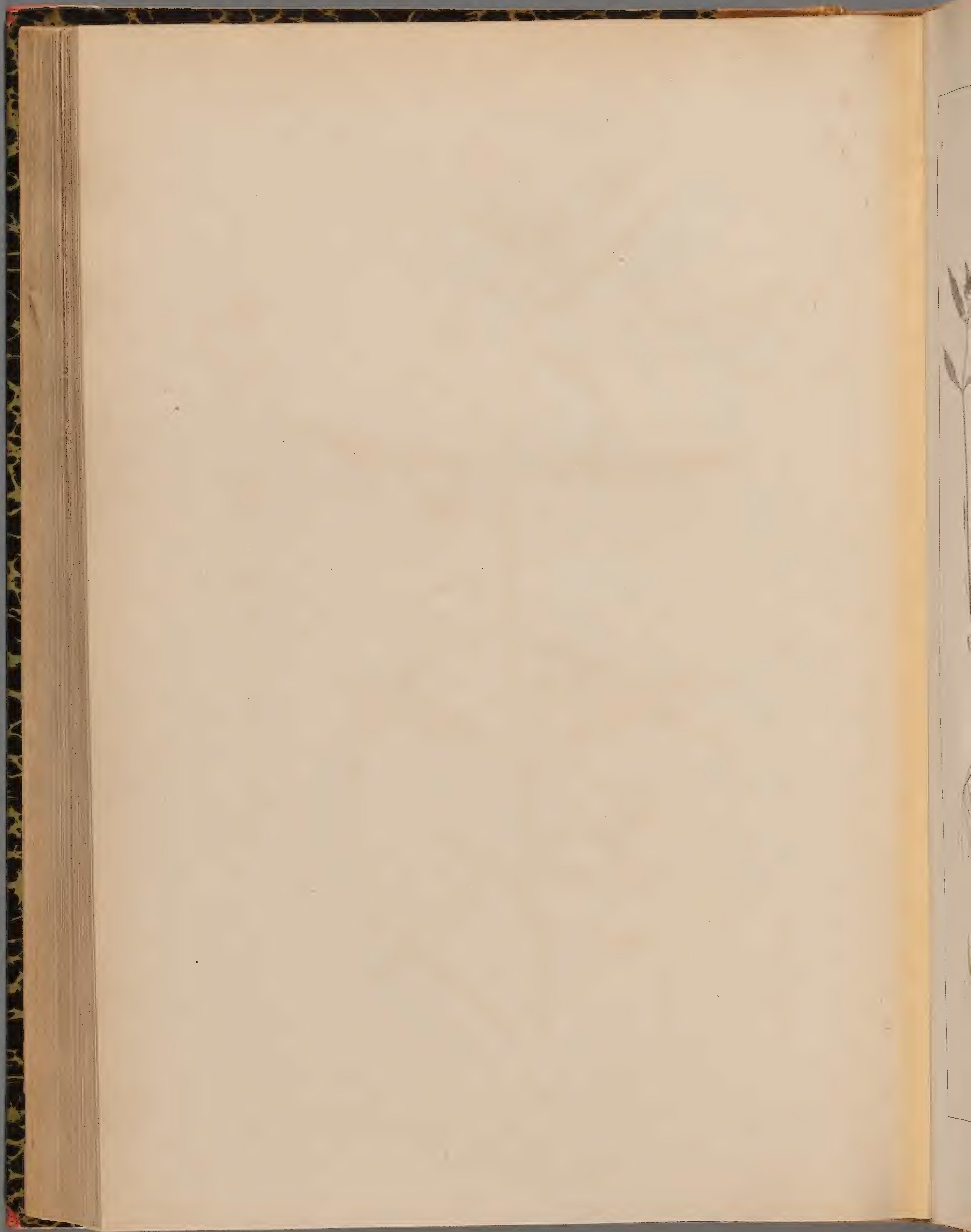


BIDENS TRIPARTITA. *L.* ①





B. HIRTA. JORD. ①





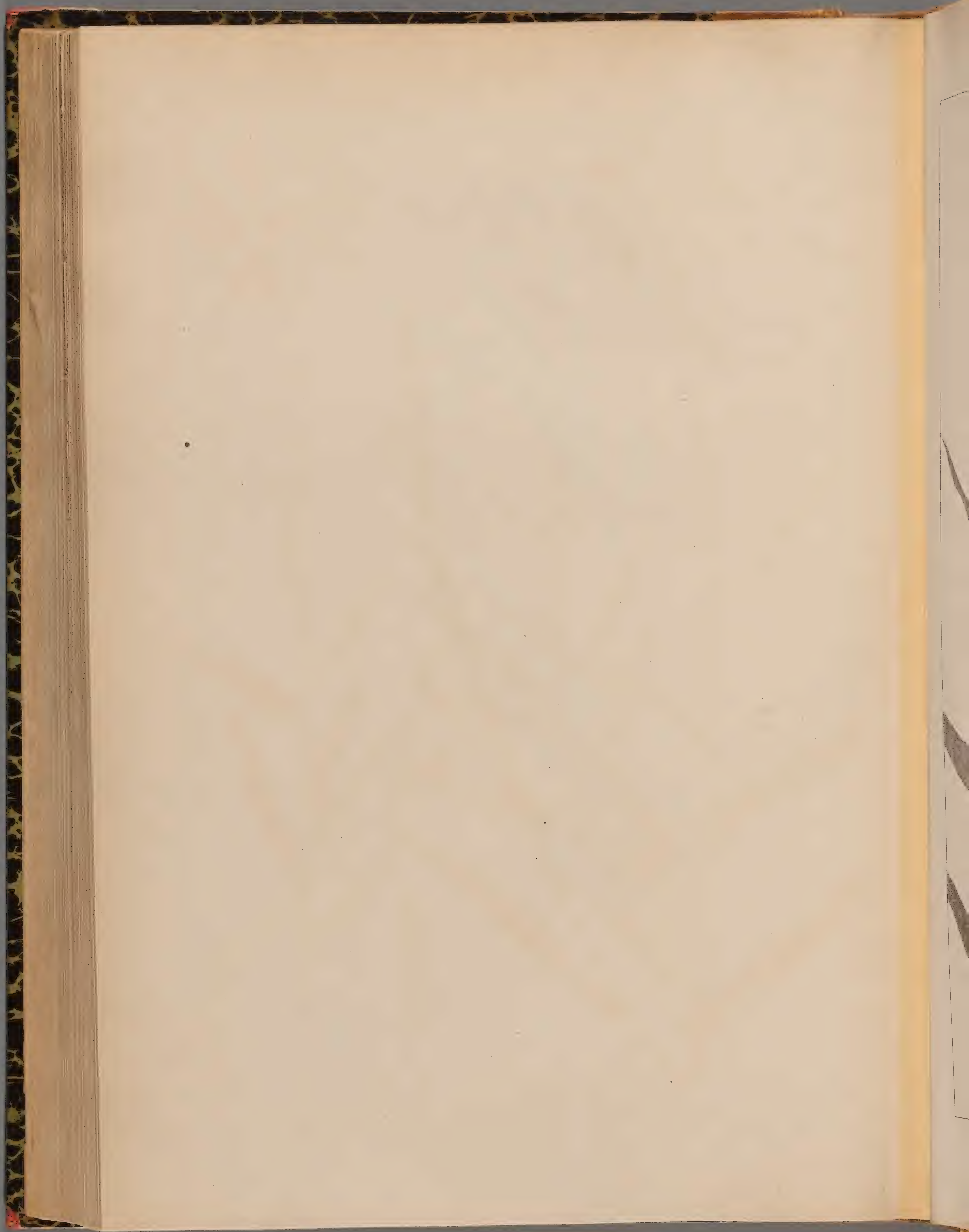
B. cernua. L. ①



KERNERA BIPINNATA. G. G. ①

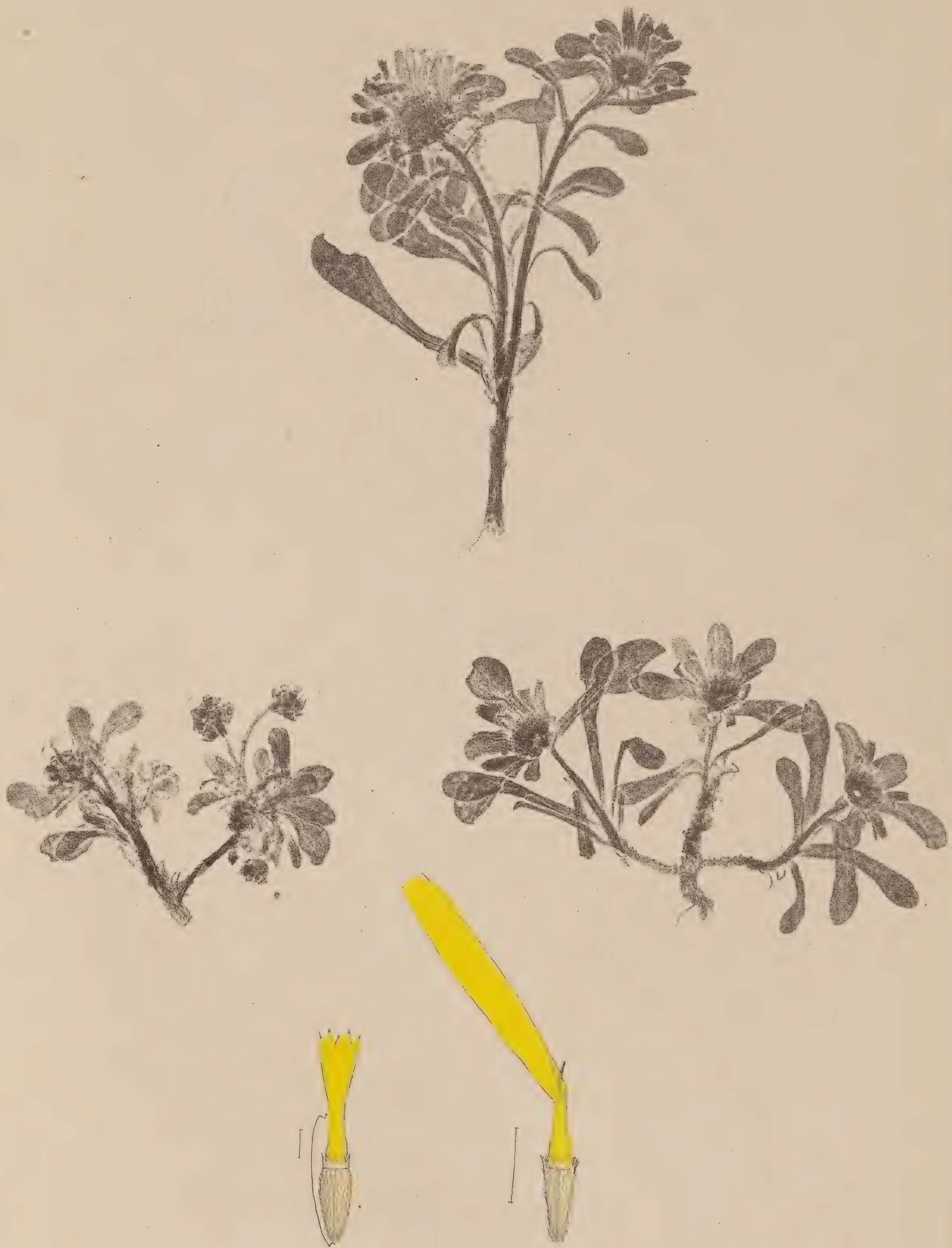


BUPHTALMUM SALICIFOLIUM. L. ♃

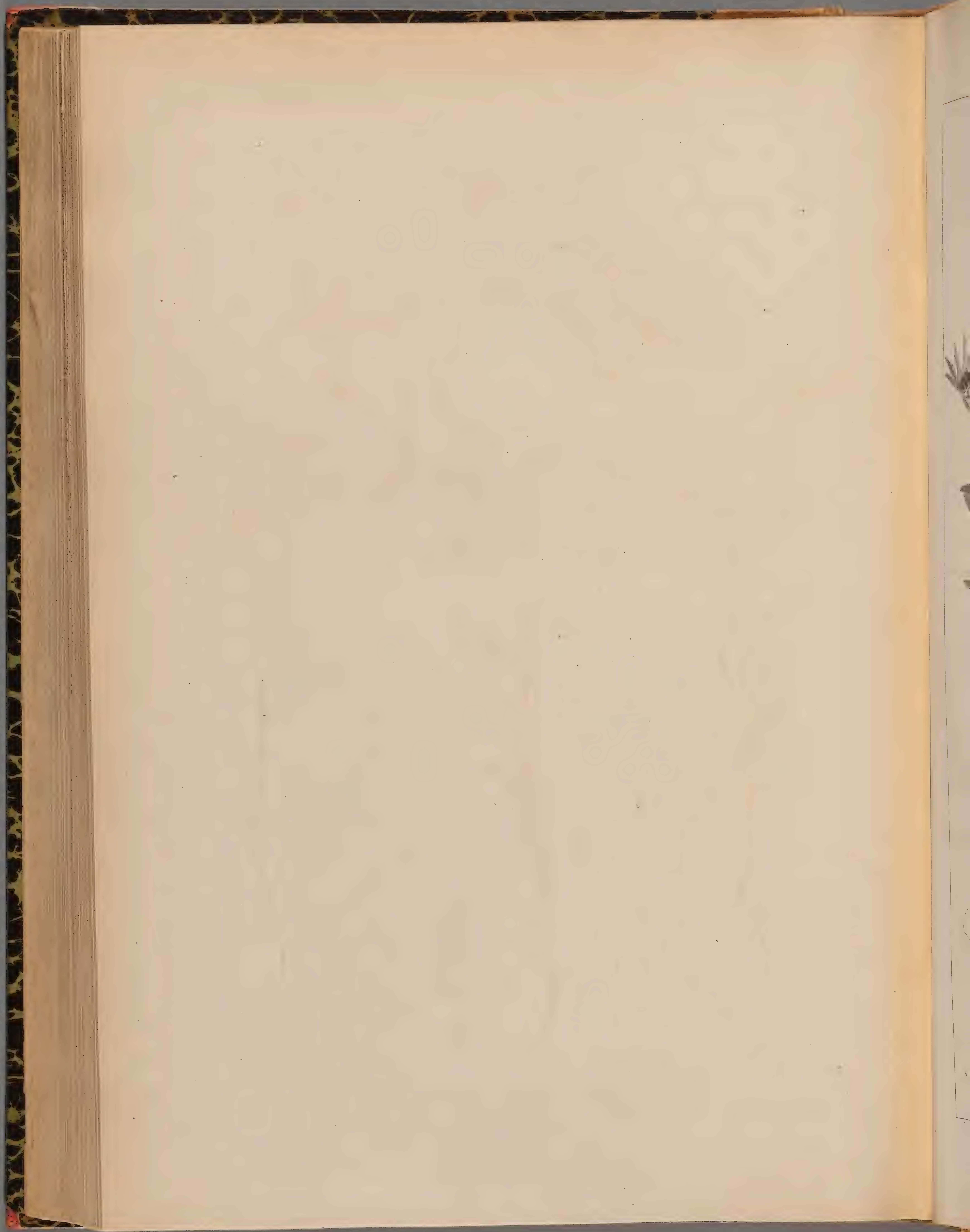




B. GRANDIFLORUM. *L.* ♃

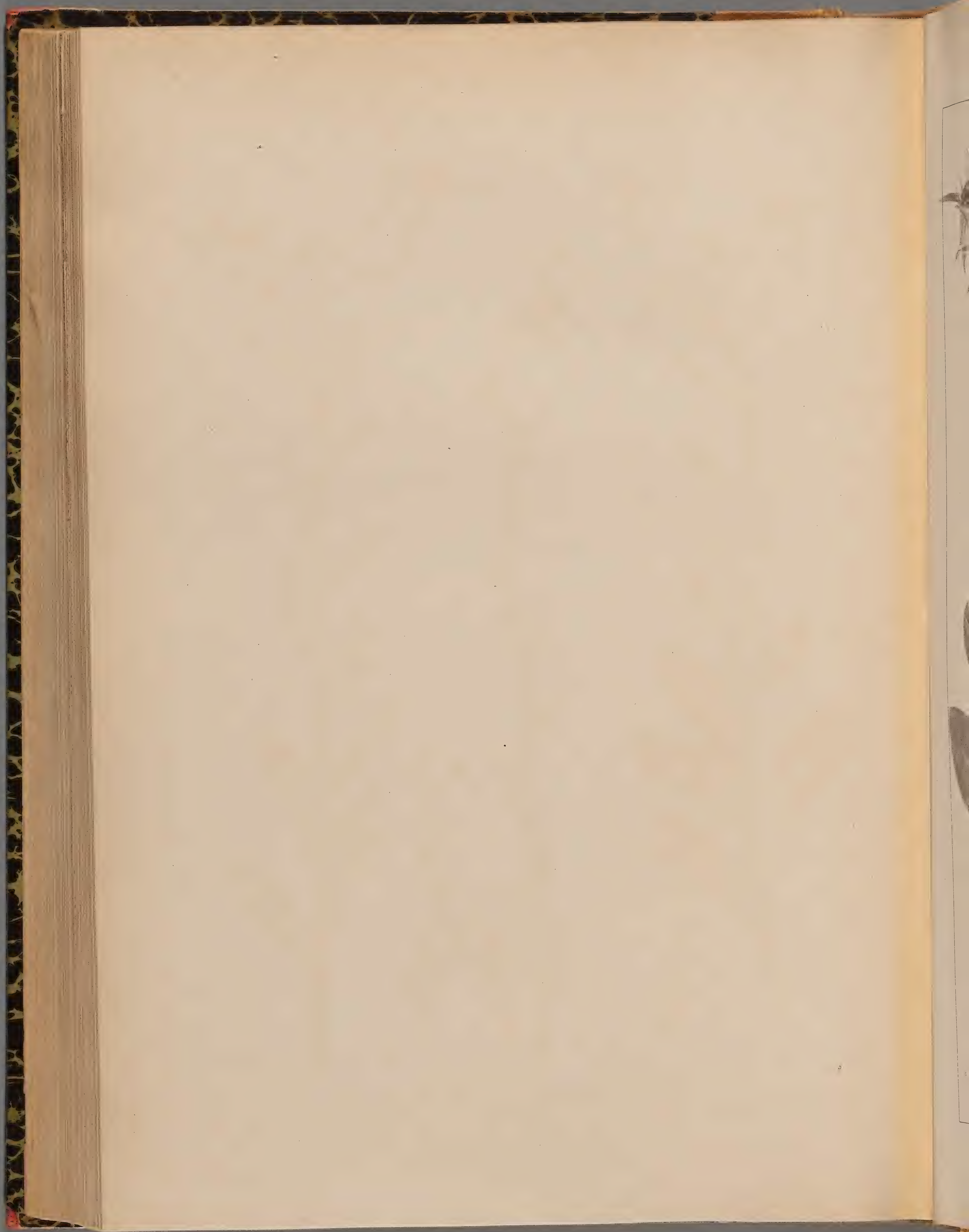


ASTERISEUS MARITIMUS. MŒNCH. ♃



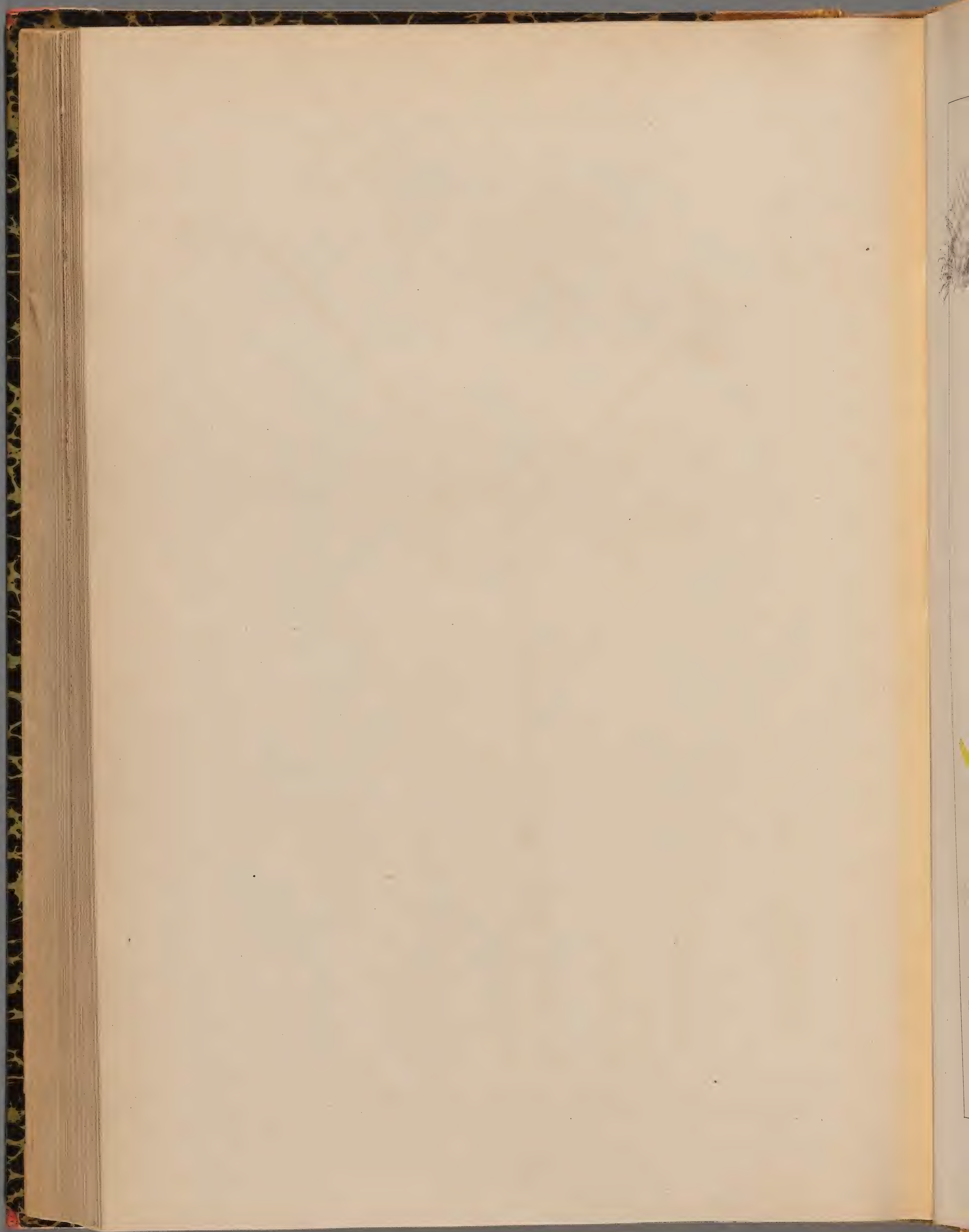


A. AQUATICUS. MŒNCH. ①





A. SPINOSUS. G. G. ②

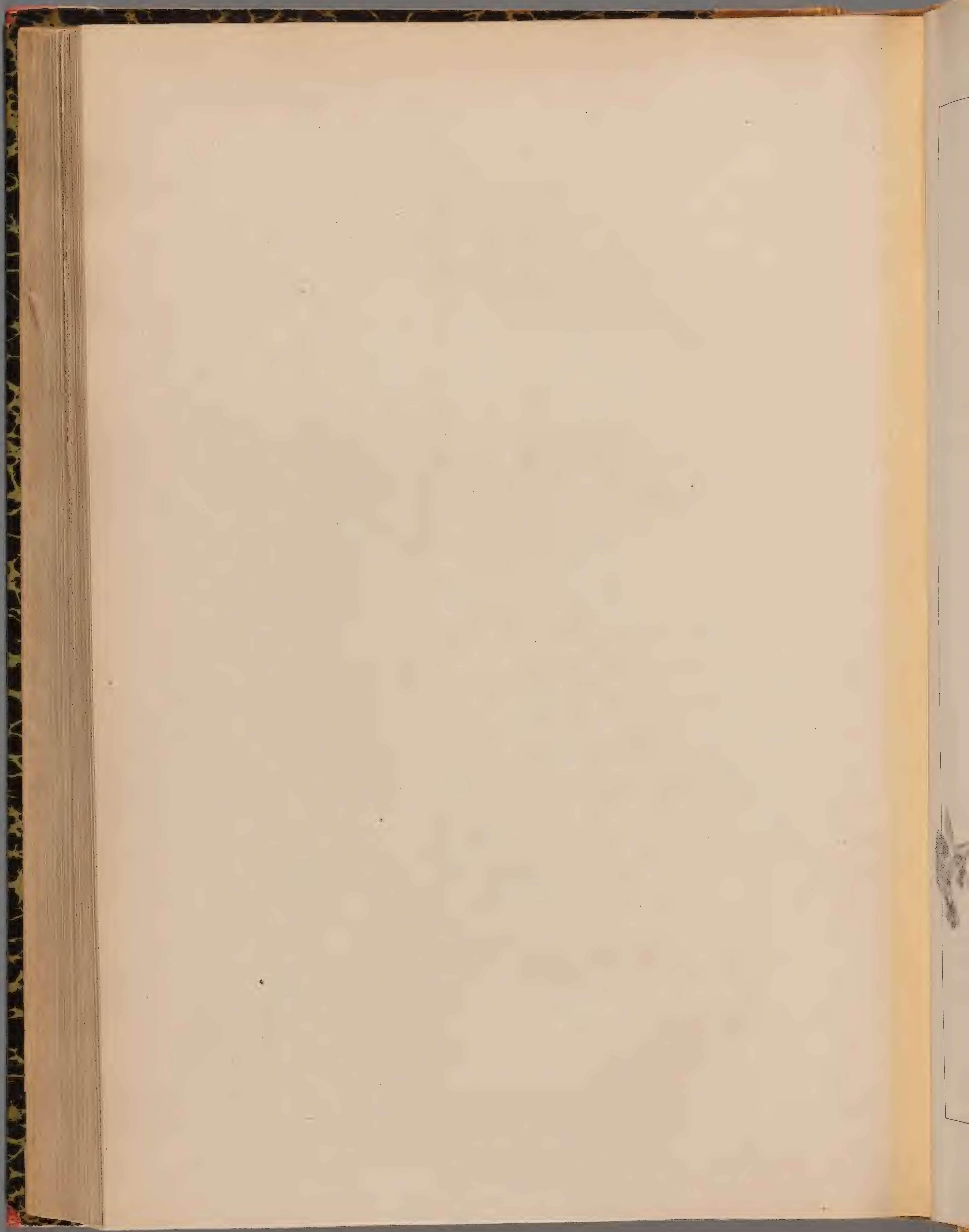




Corvisartia Helenium. Mér. ♃

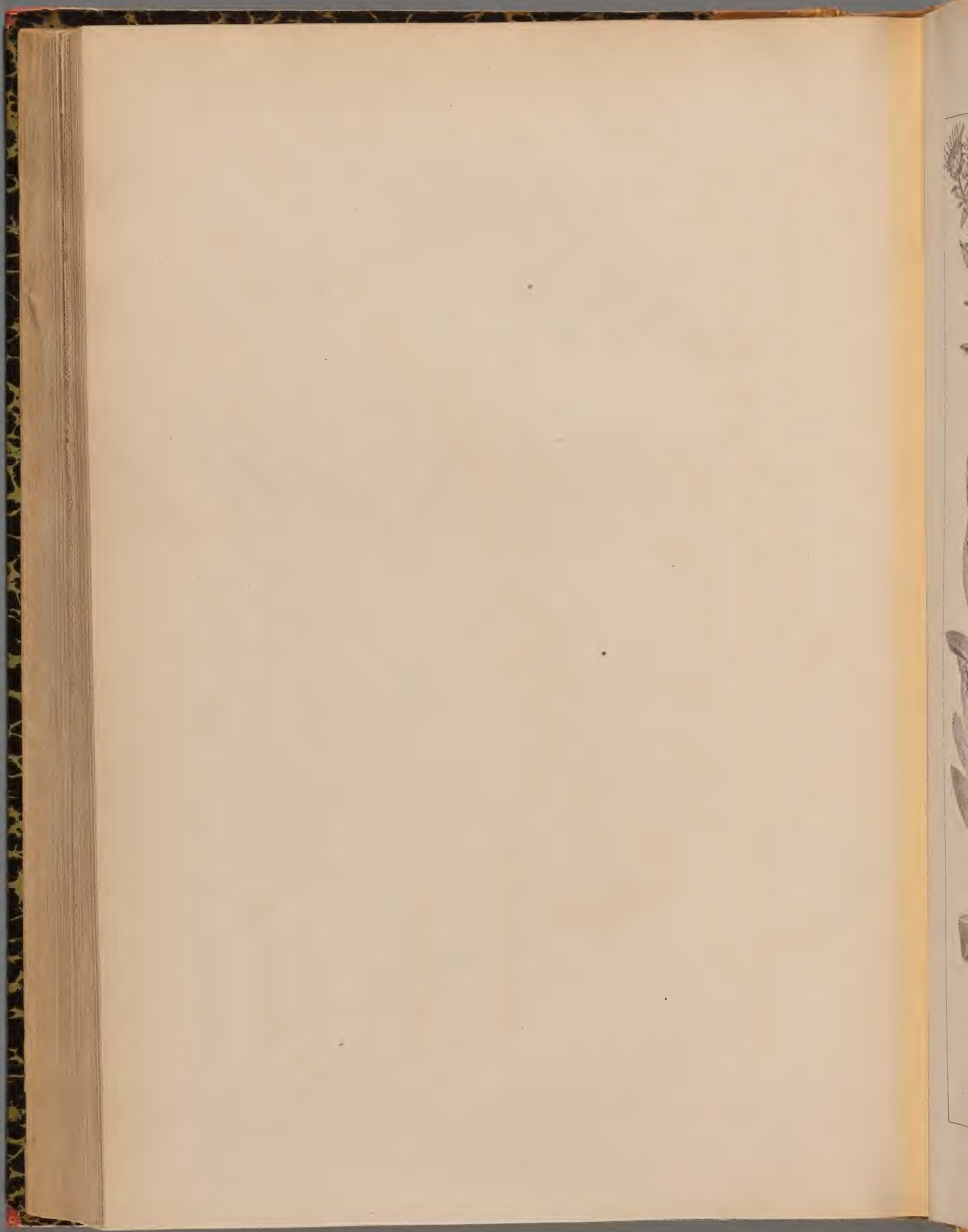


INULA CONYZA. D. C. ①



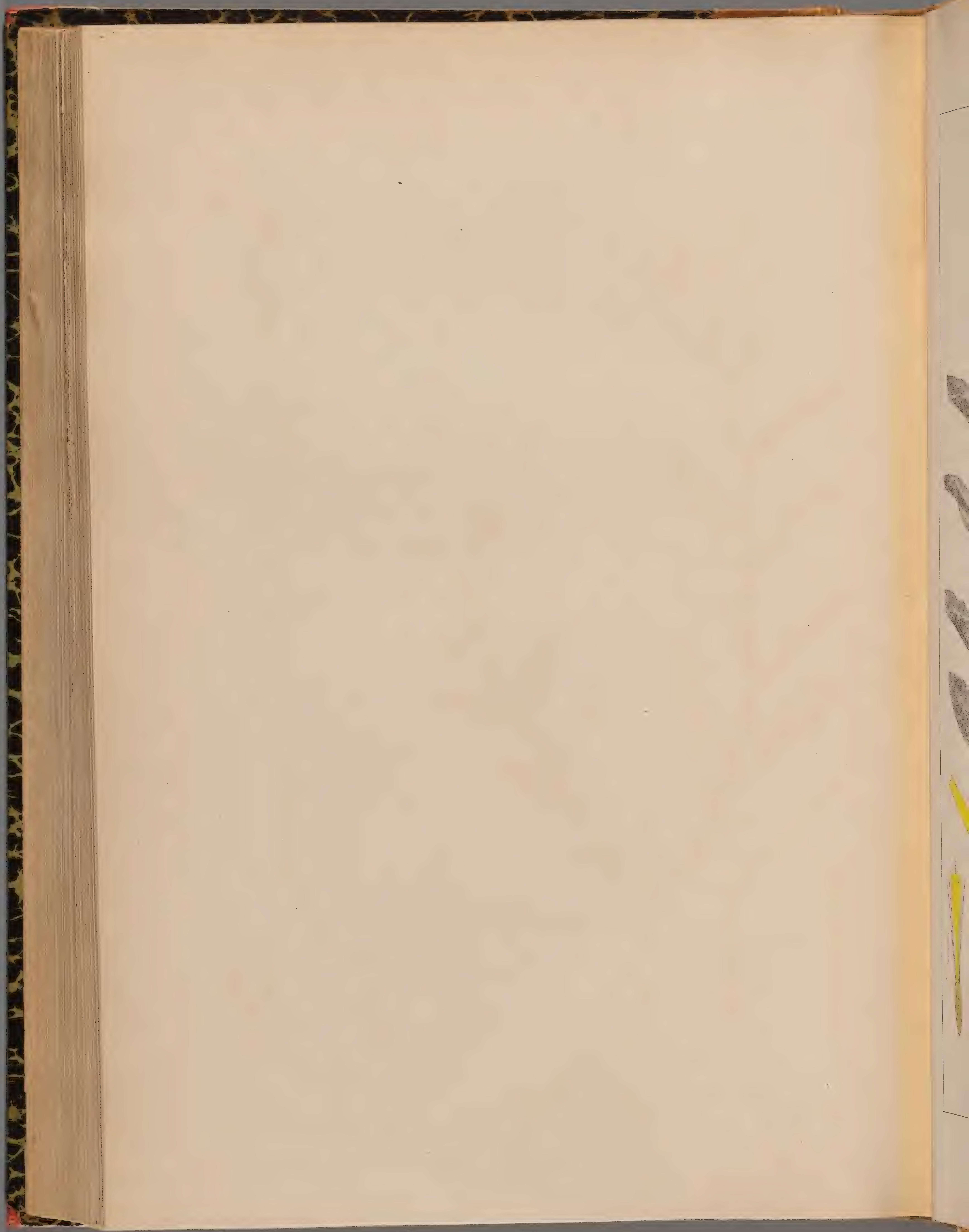


I. BIFRONS. L. ②



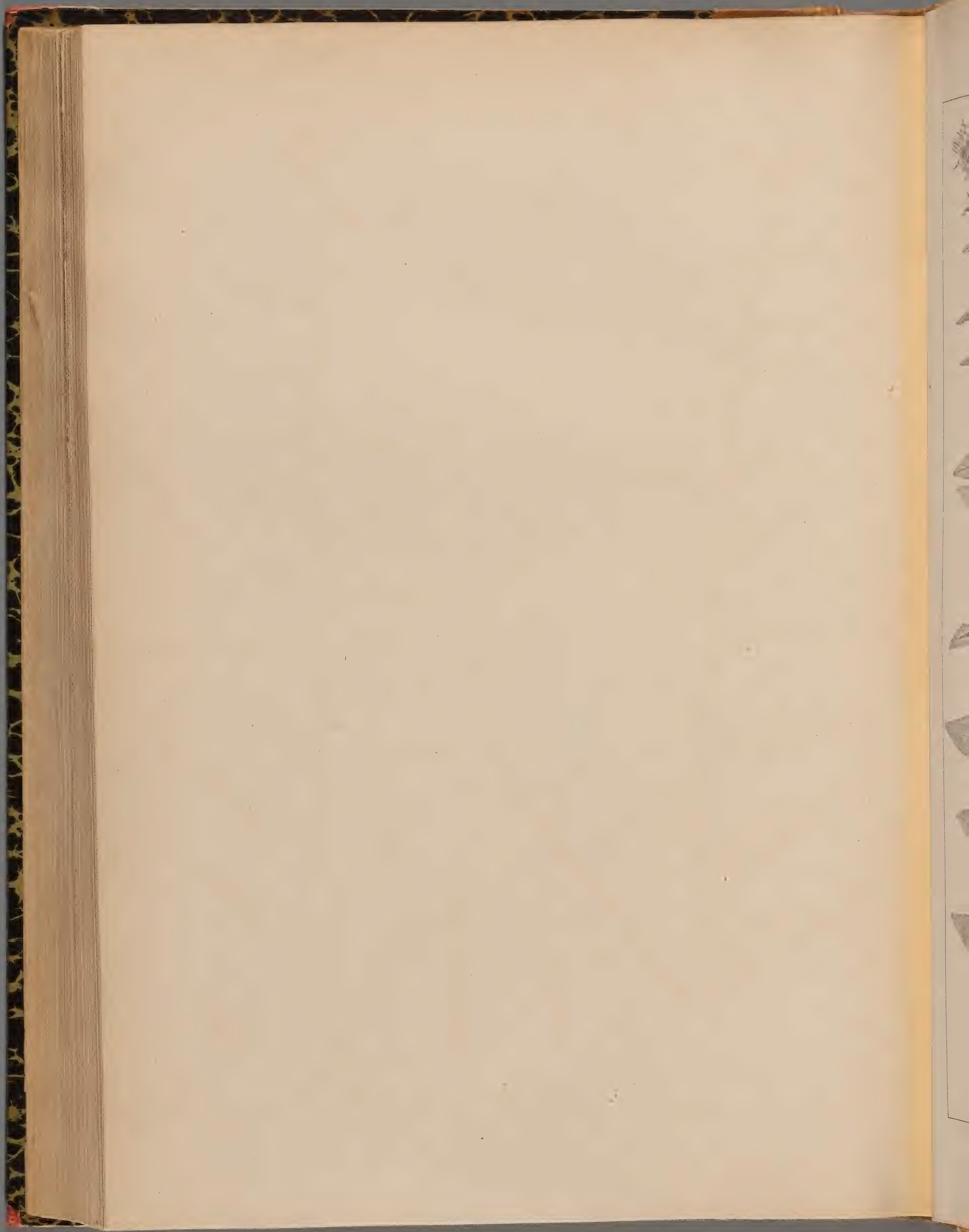


I. SPIRÆIFOLIA. L. ♃.

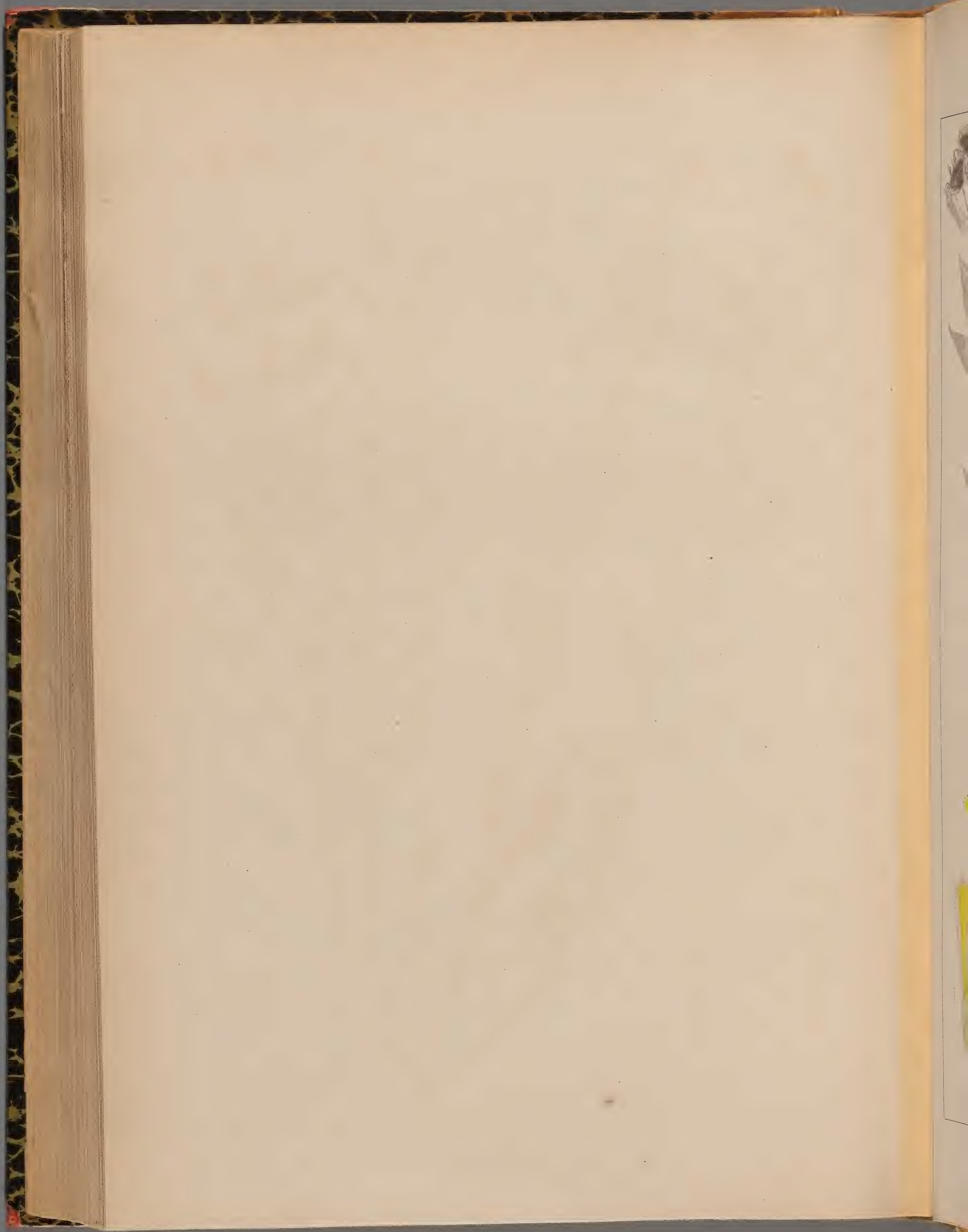




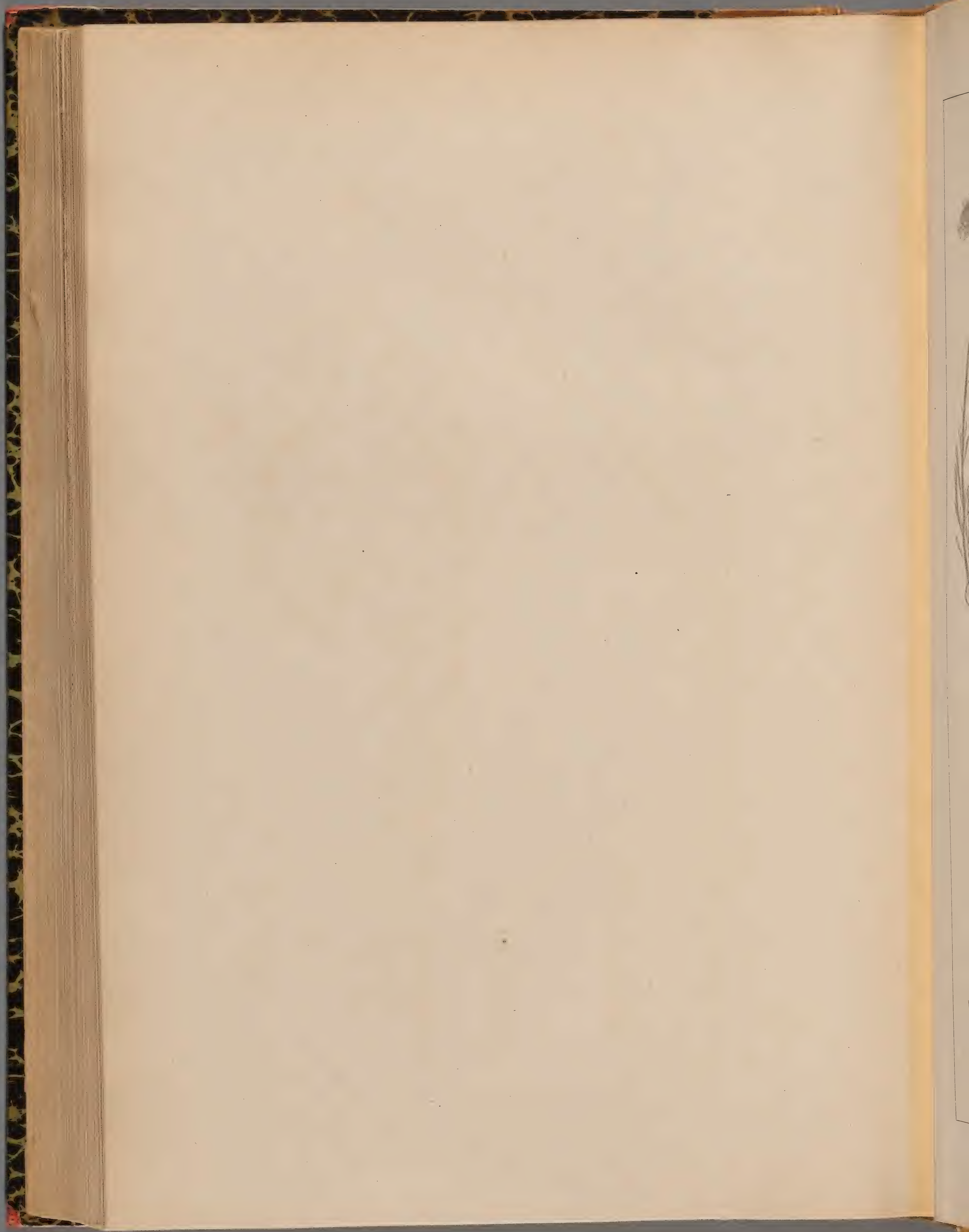
I. HIRTA. L. ♃




I. CALICINA. L. ♃




VAILLANTII. VILL. ♃

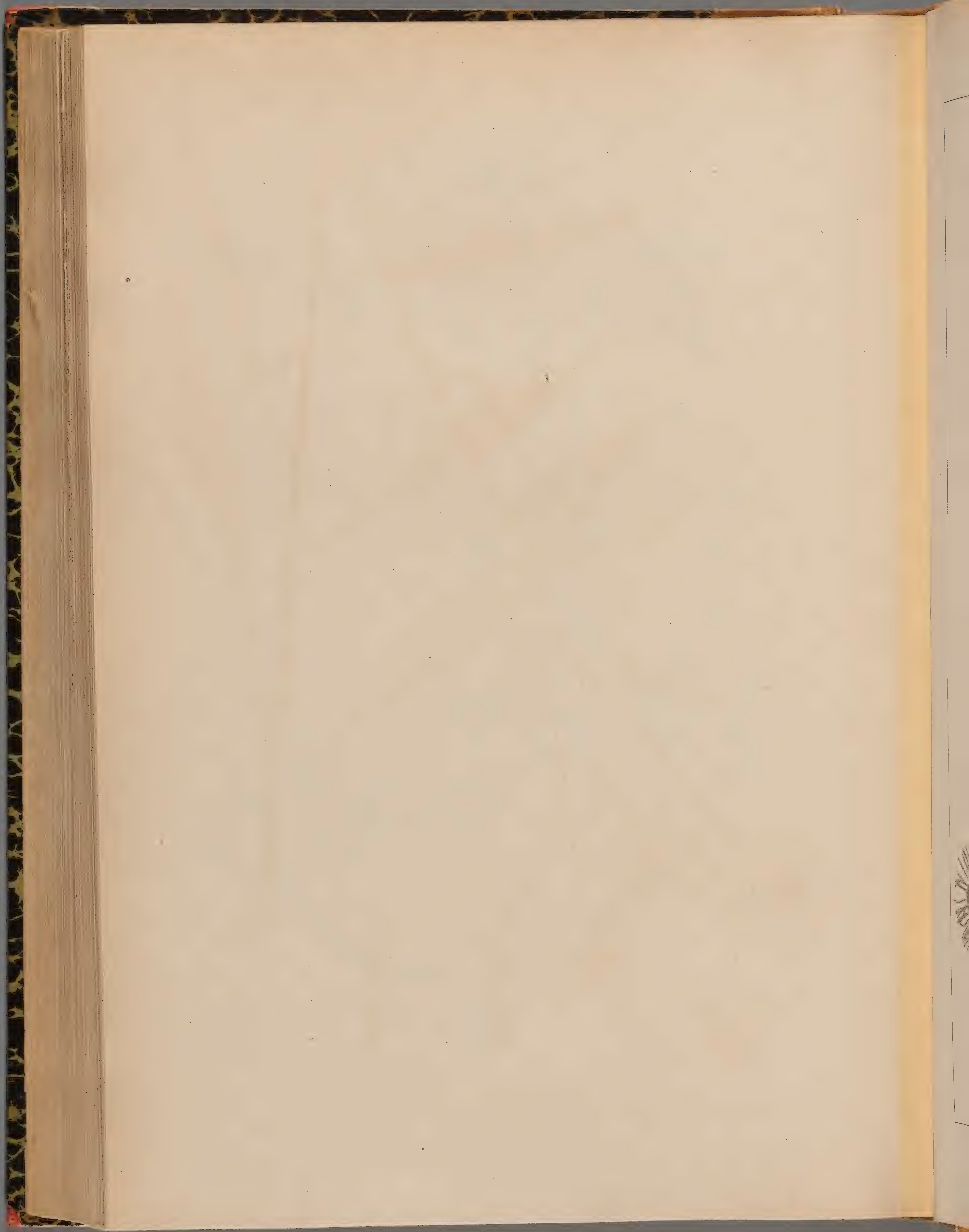




I. CRITHMOIDES. L. ♃



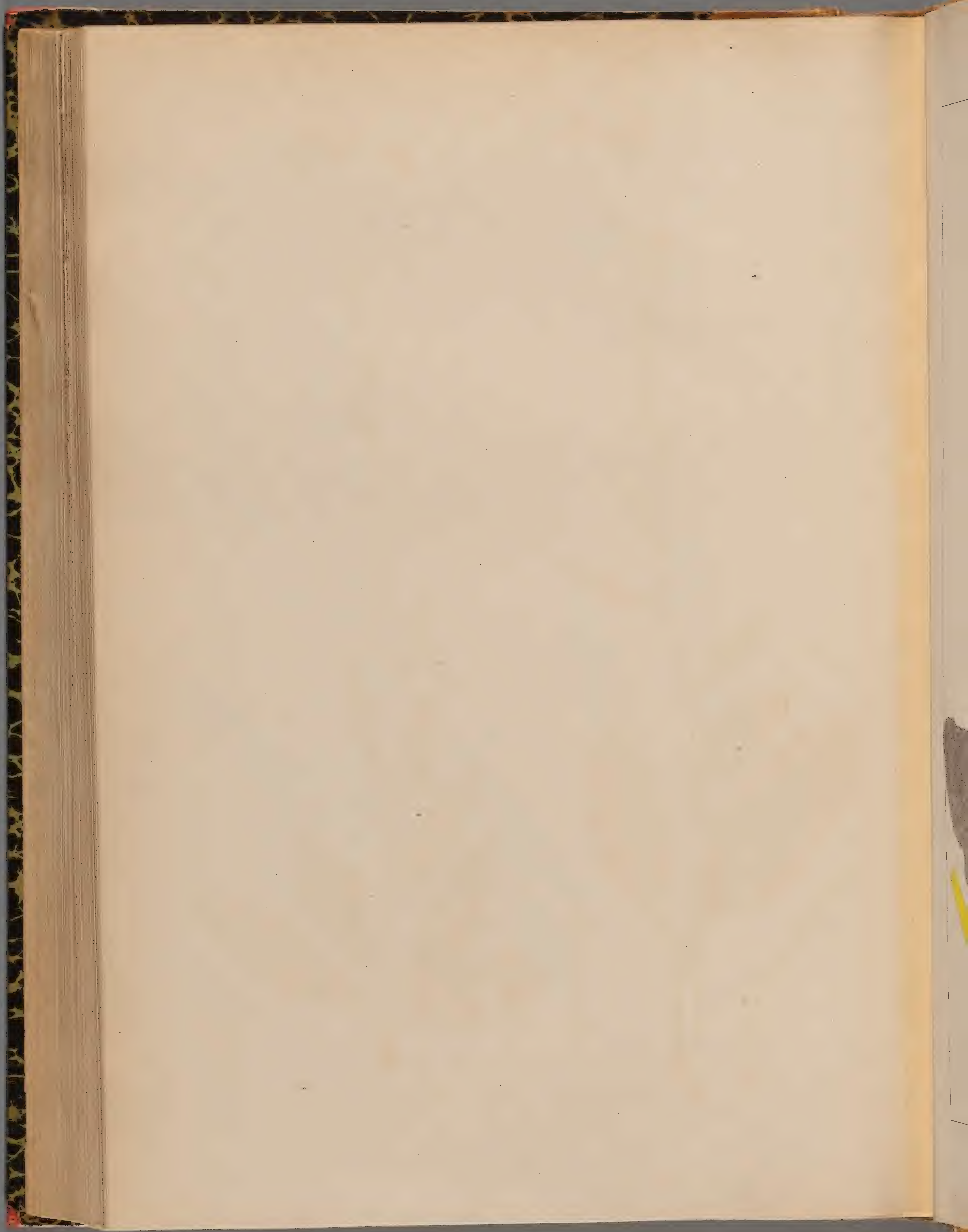
I. MONTANA. L. ♃





I. BRITANNICA. L. ♃


I. HELENIOIDES. D. C. ♃




PULICARIA ODORA. RCHB. ♃



P. DYSSENTERICA. GÆRTN. ♃



P. VULGARIS. GÆRTN ①



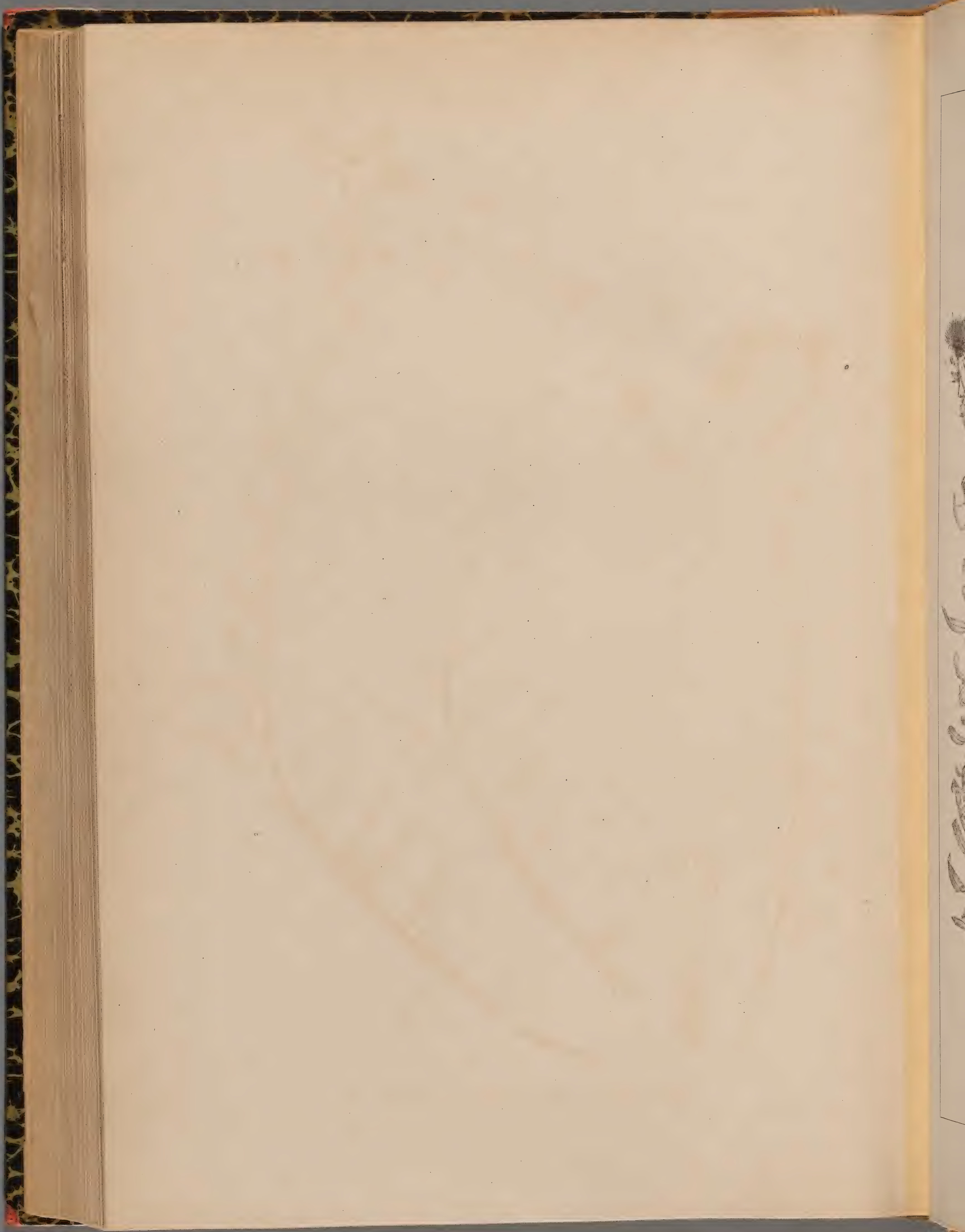
P. SICULA. MORIS. ①



CUPULARIA GRAVEOLENS. G. G. ①

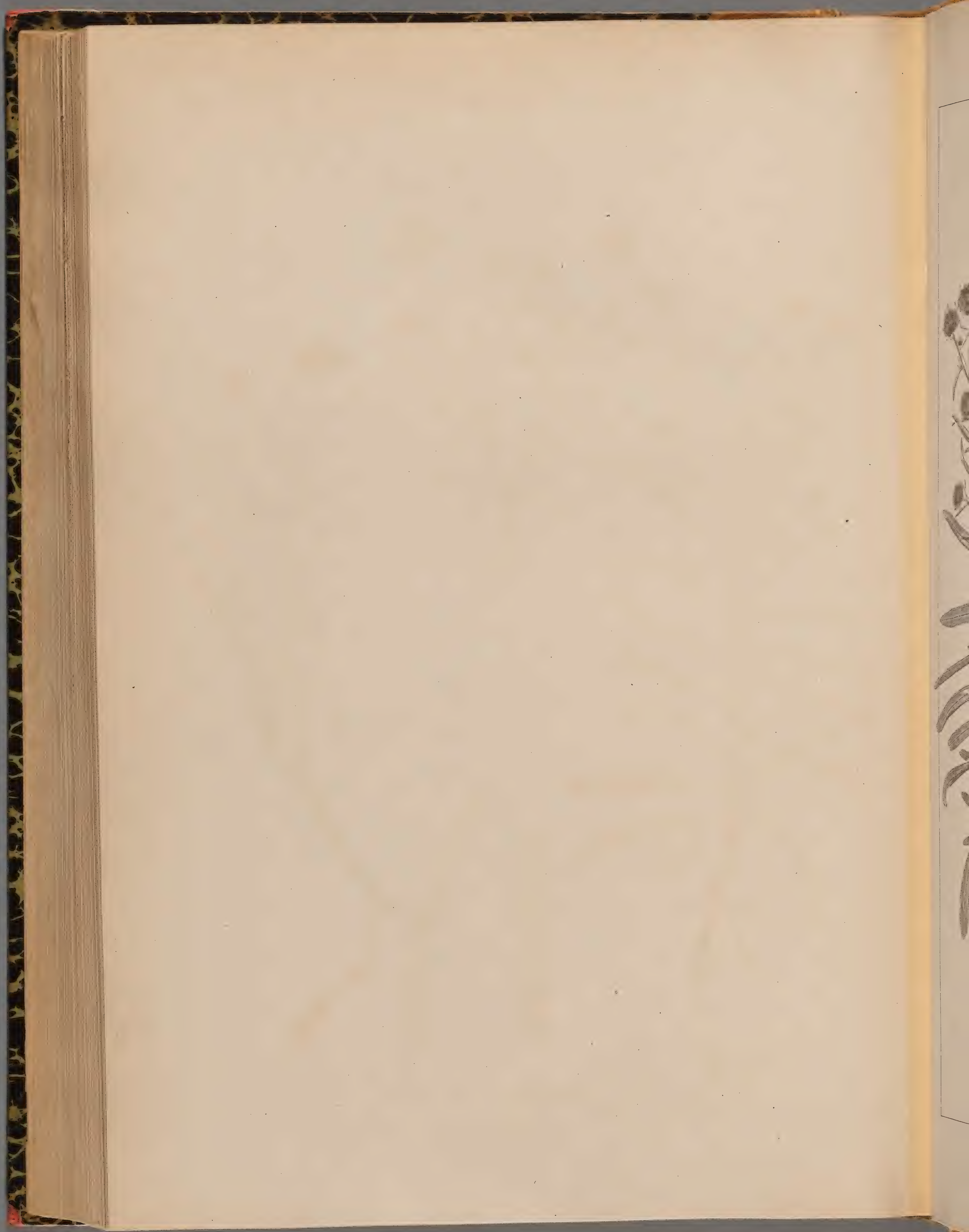


C. VISCOSA. G. G. ♃



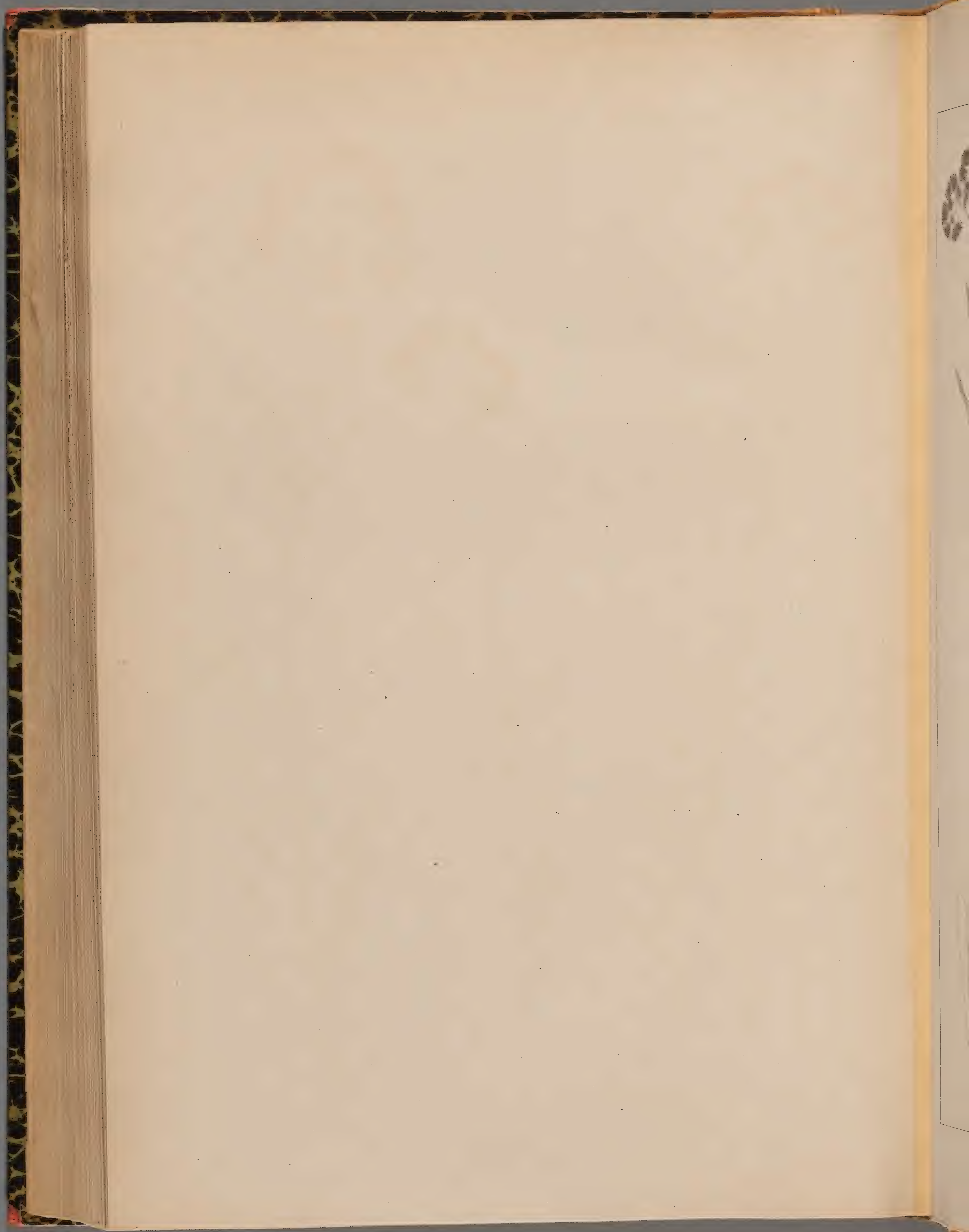


JASONIA GLUTINOSA. D. C. ♃.





J . TUBEROSA . D. C. ♃

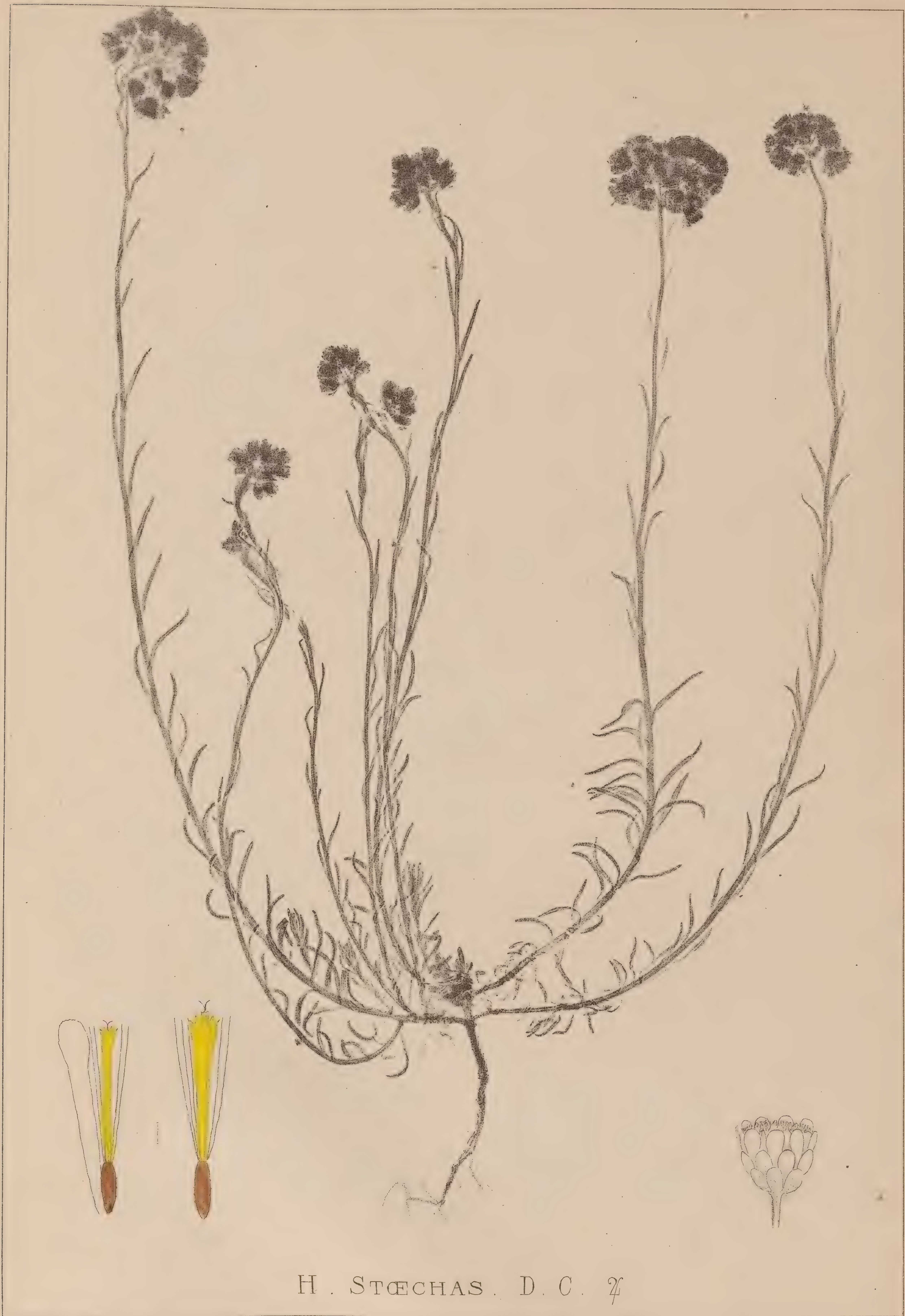




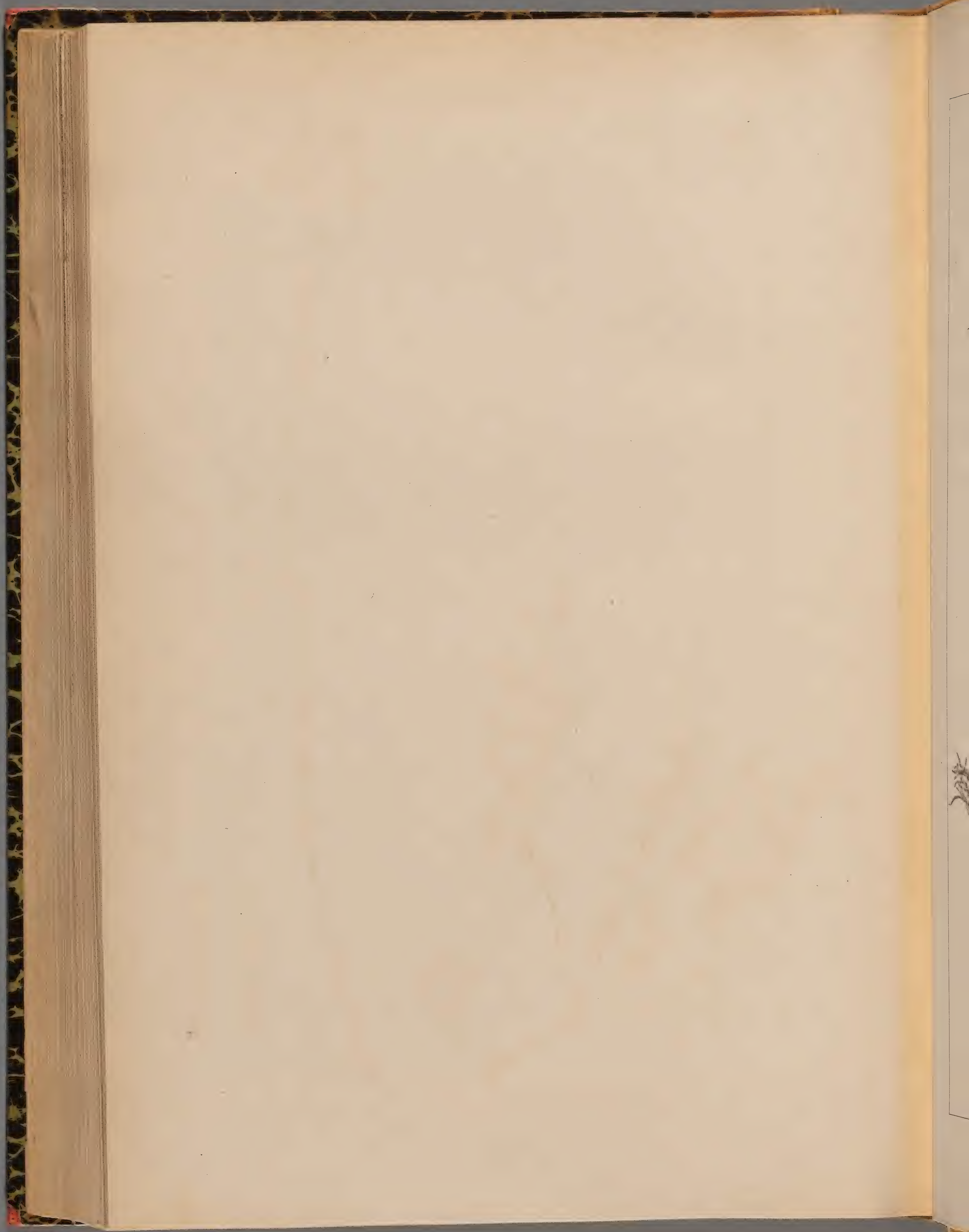
HELICHRYSUM ARENARIUM. D. C. ♃



H. DECUMBENS. CAMB. 5



H. STŒCHAS. D. C. ♃





H. SEROTINUM. Bois ♃



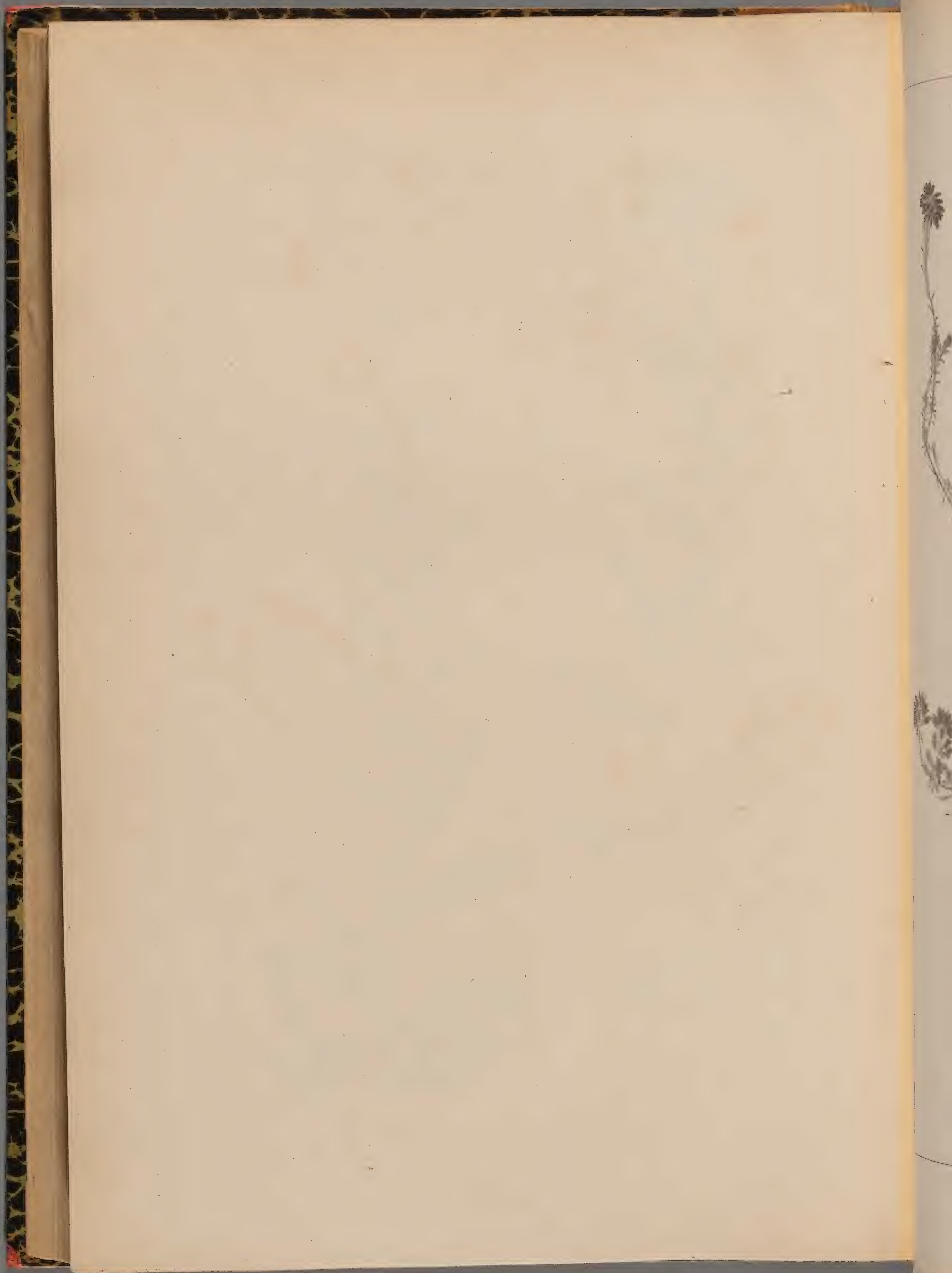
H. ANGUSTIFOLIUM. D. C. 5



H. MICROPHYLLUM. CAMB. 5

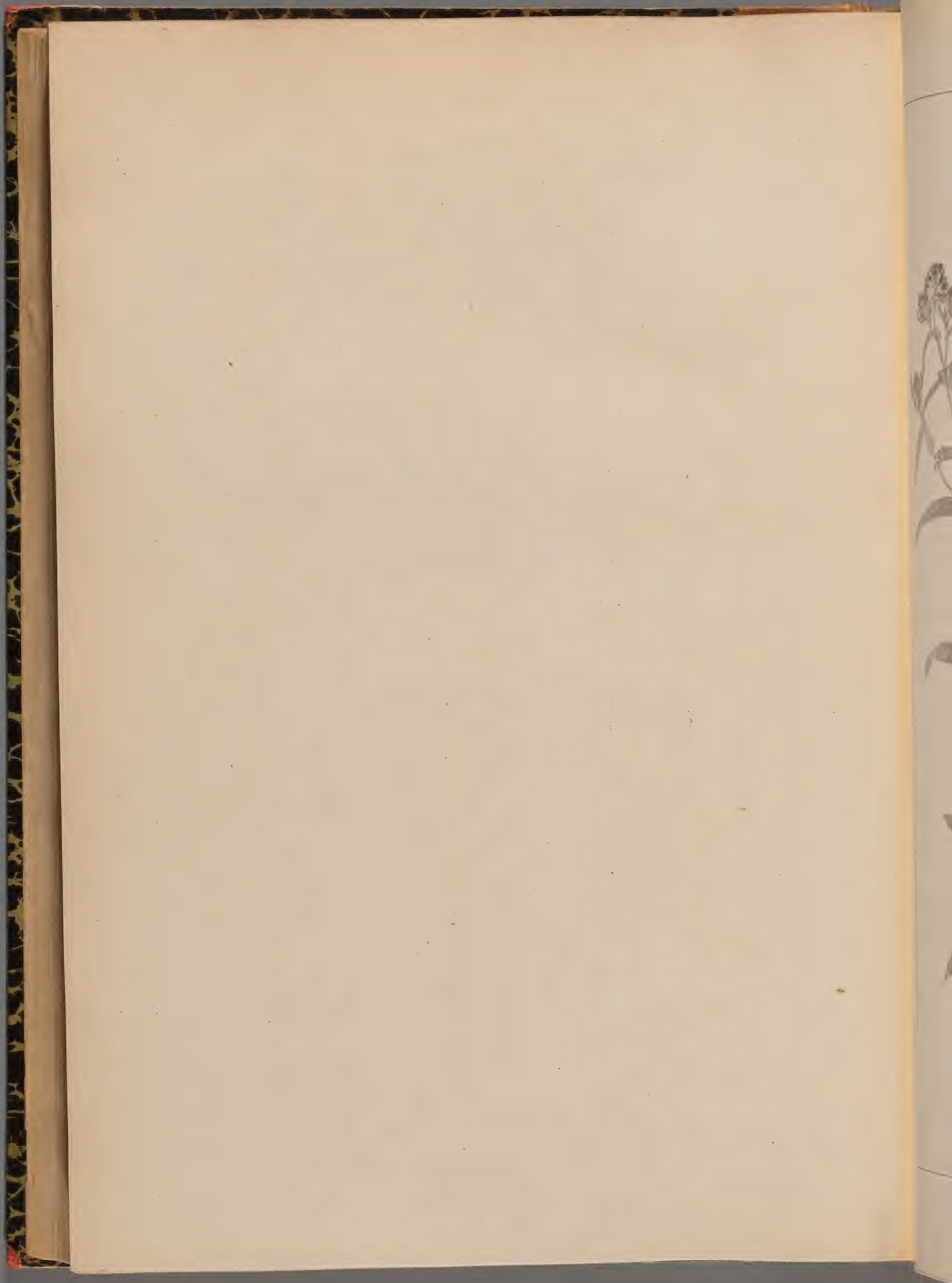


H. FŒTIDUM. CASS. ②





H. FRIGIDUM. WILLD. ♃

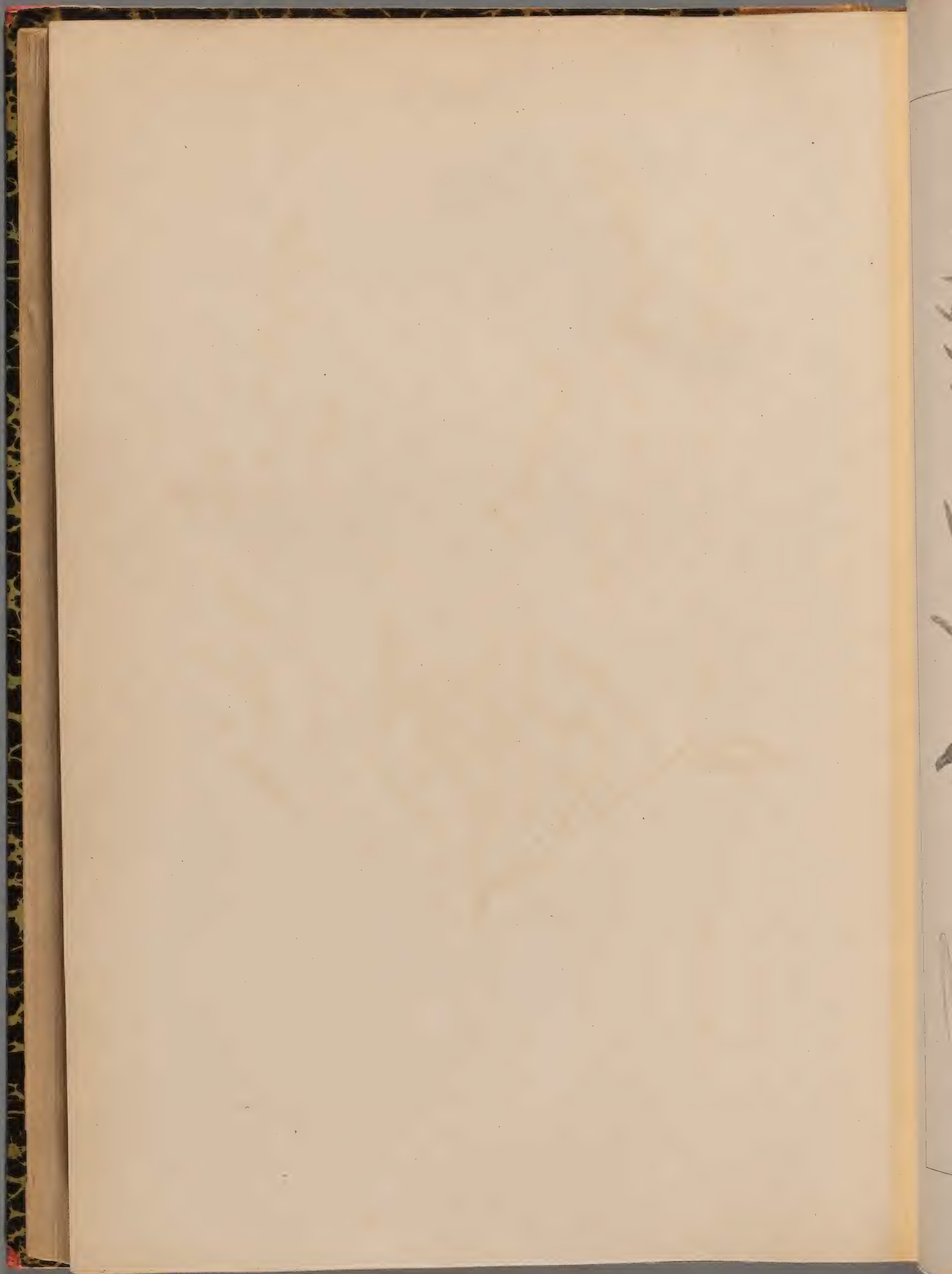




GNAPHALIUM UNDULATUM. L. ⊙

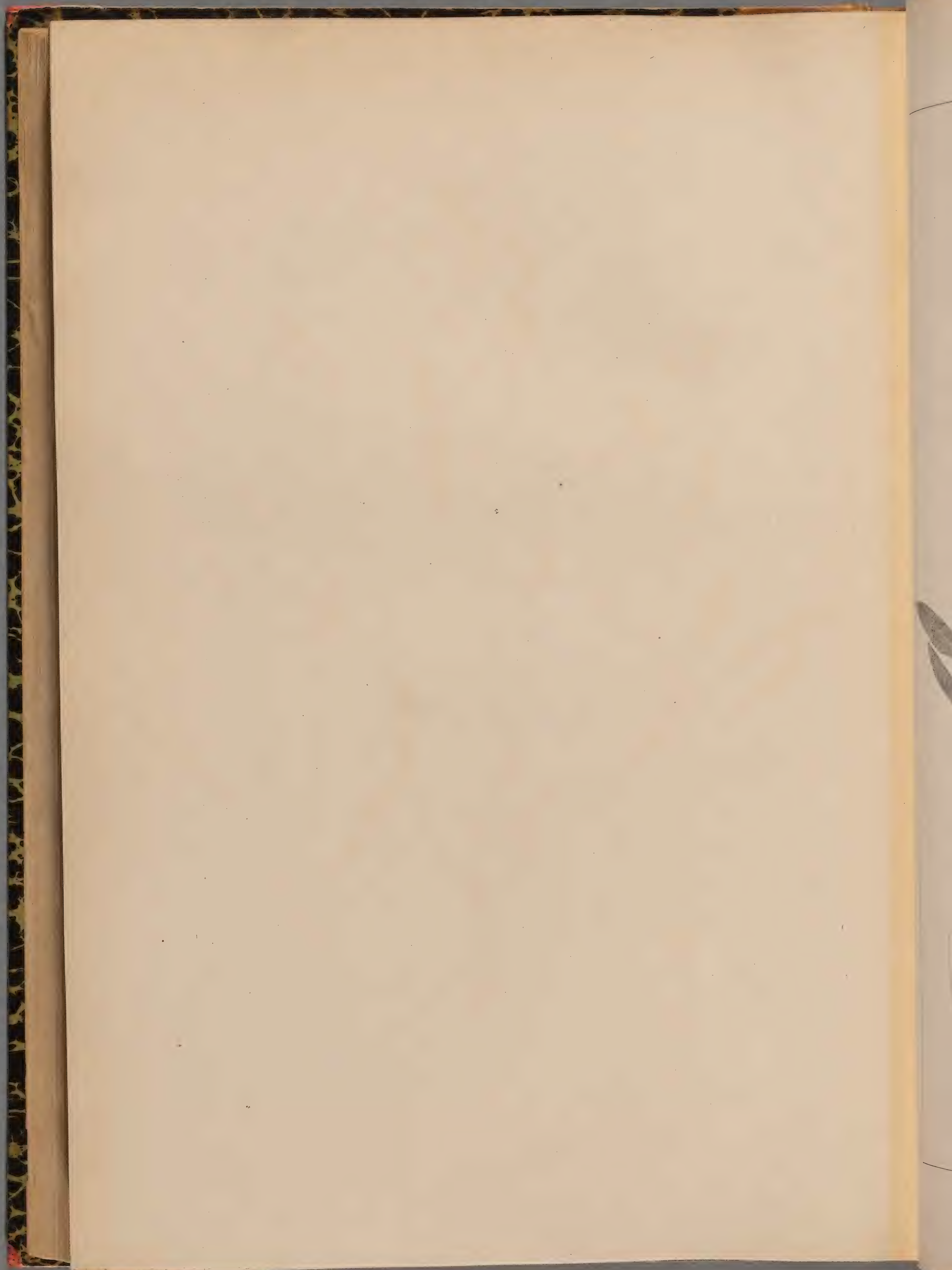


G. LUTEO ALBUM. L. ①





G. SYLVATICUM. L. ♃





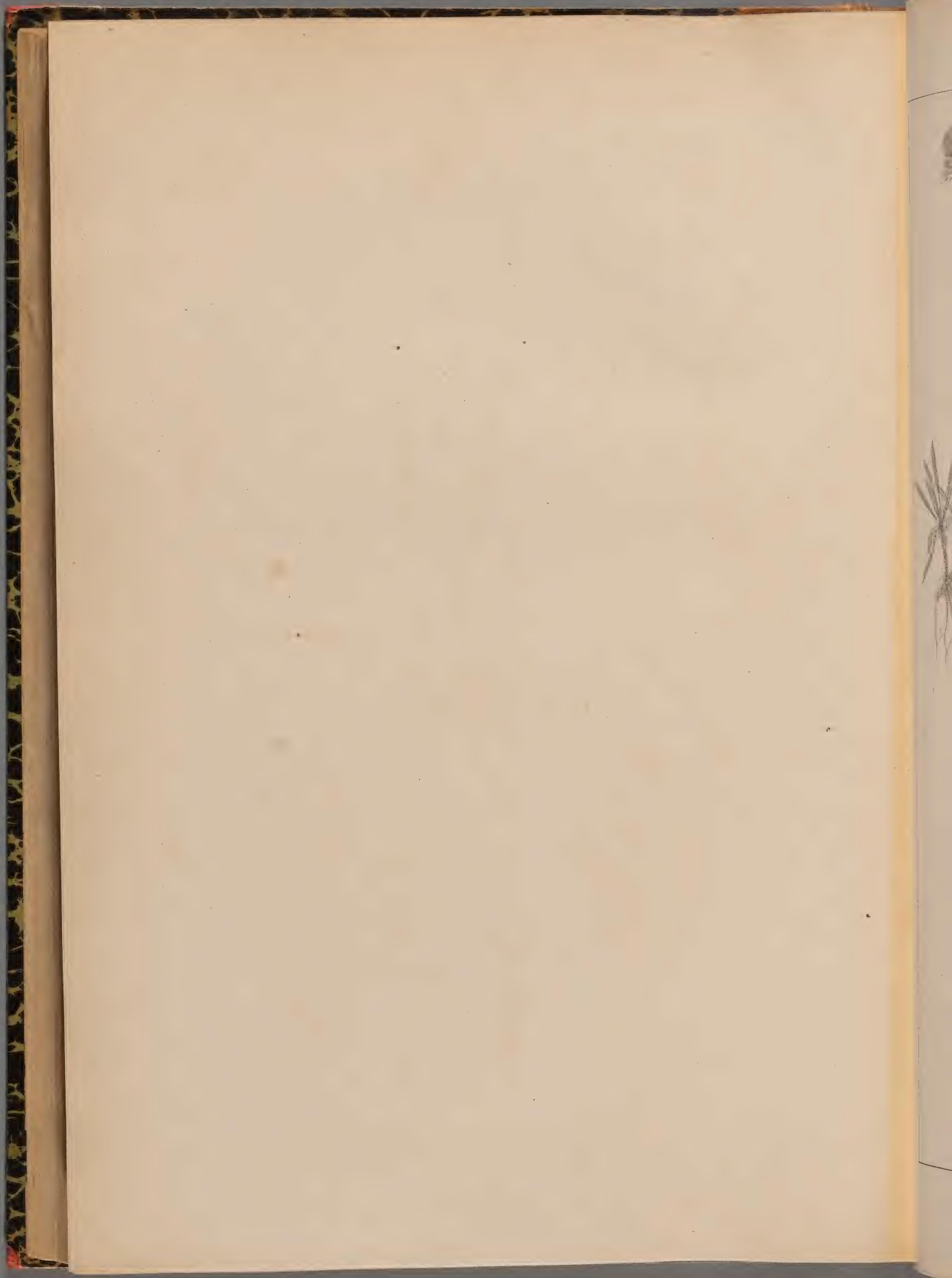
G. NORWEGICUM. GUNN. ♃



G. ULIGINOSUM. L. ①

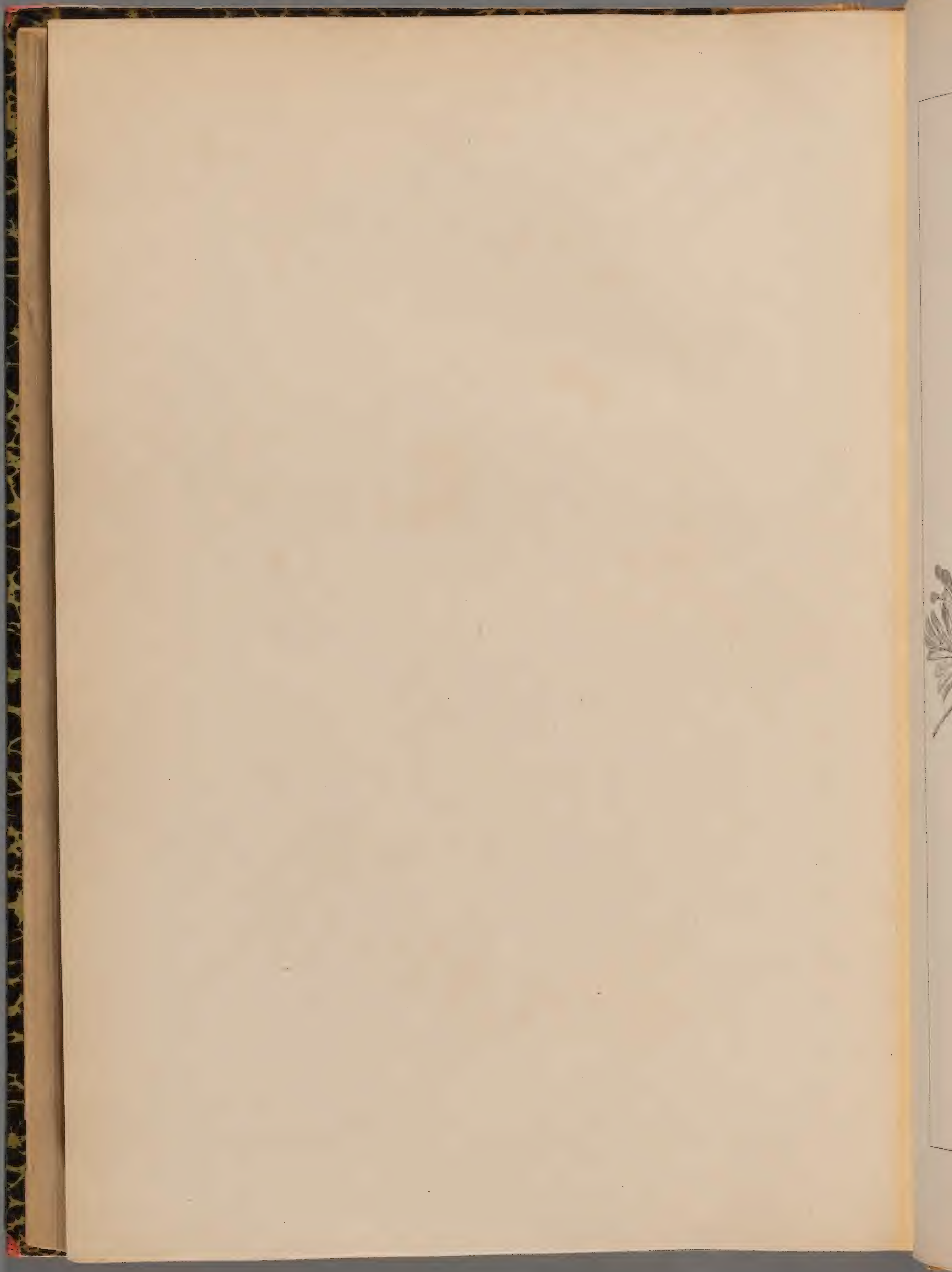


G. SUPINUM. L. ♃



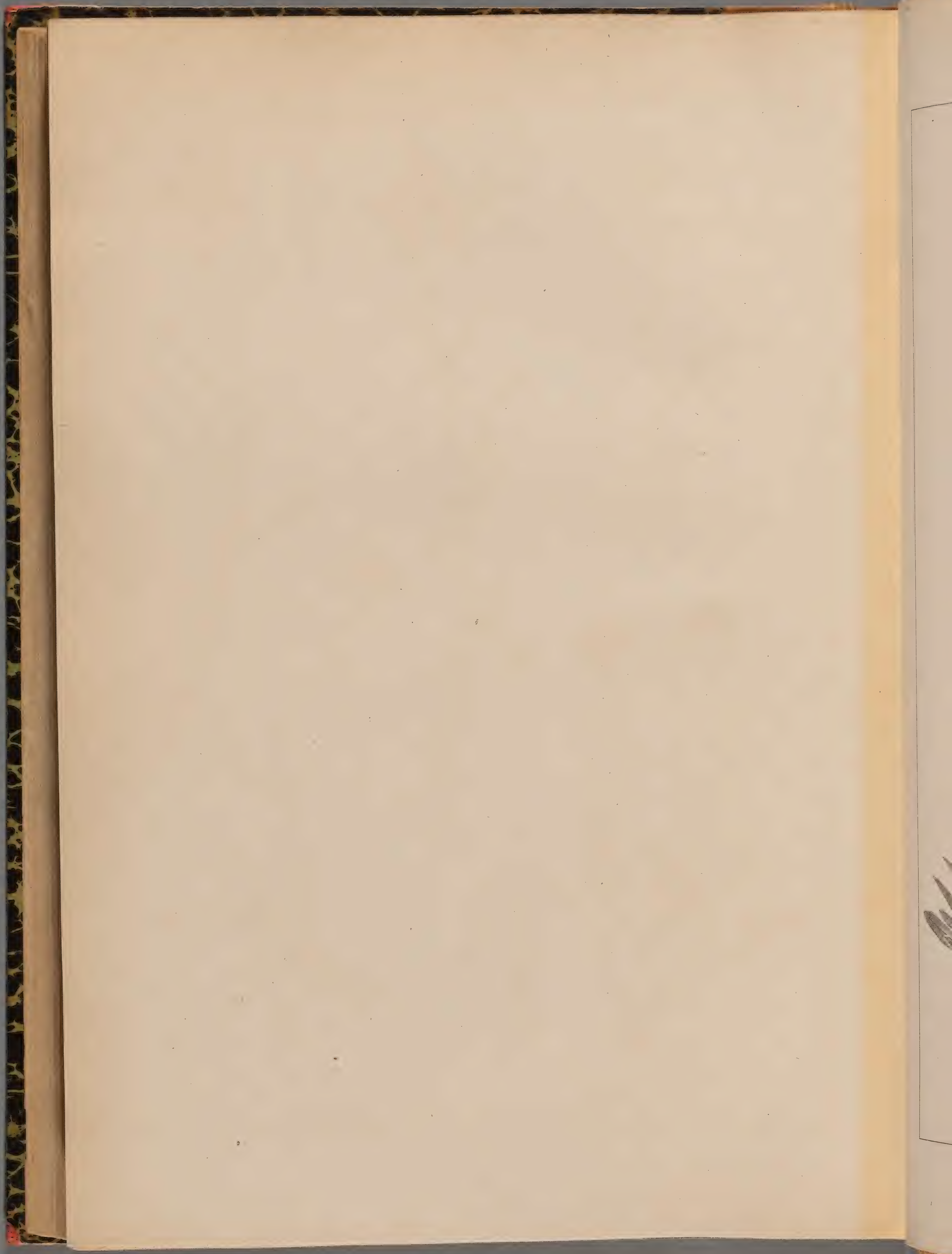


ANTENNARIA CARPATICA. BL. ET F. ♃



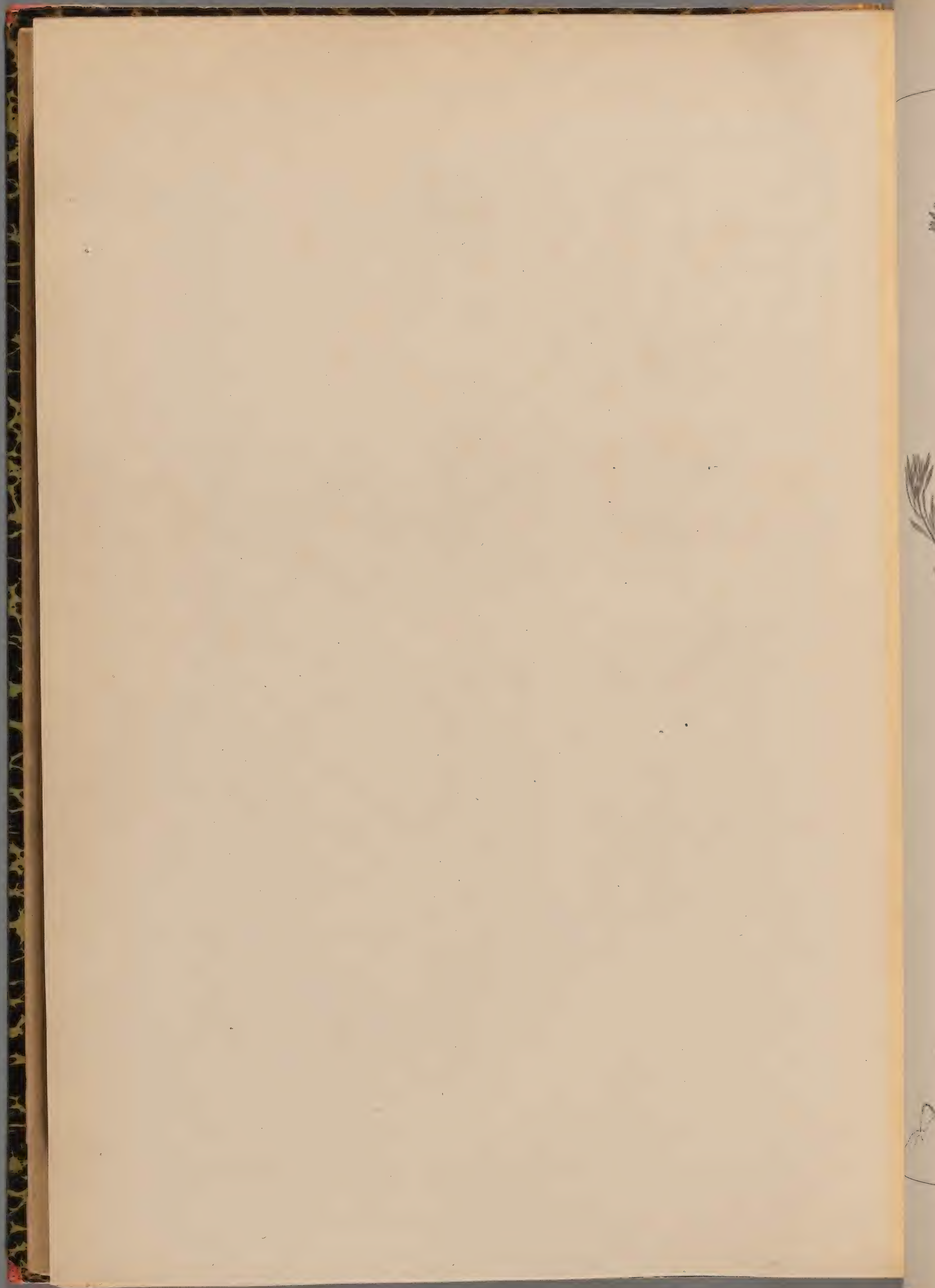


A. DIOICA. GÆRTN. ♃





LEONTOPODIUM ALPINUM. CASS. ♃

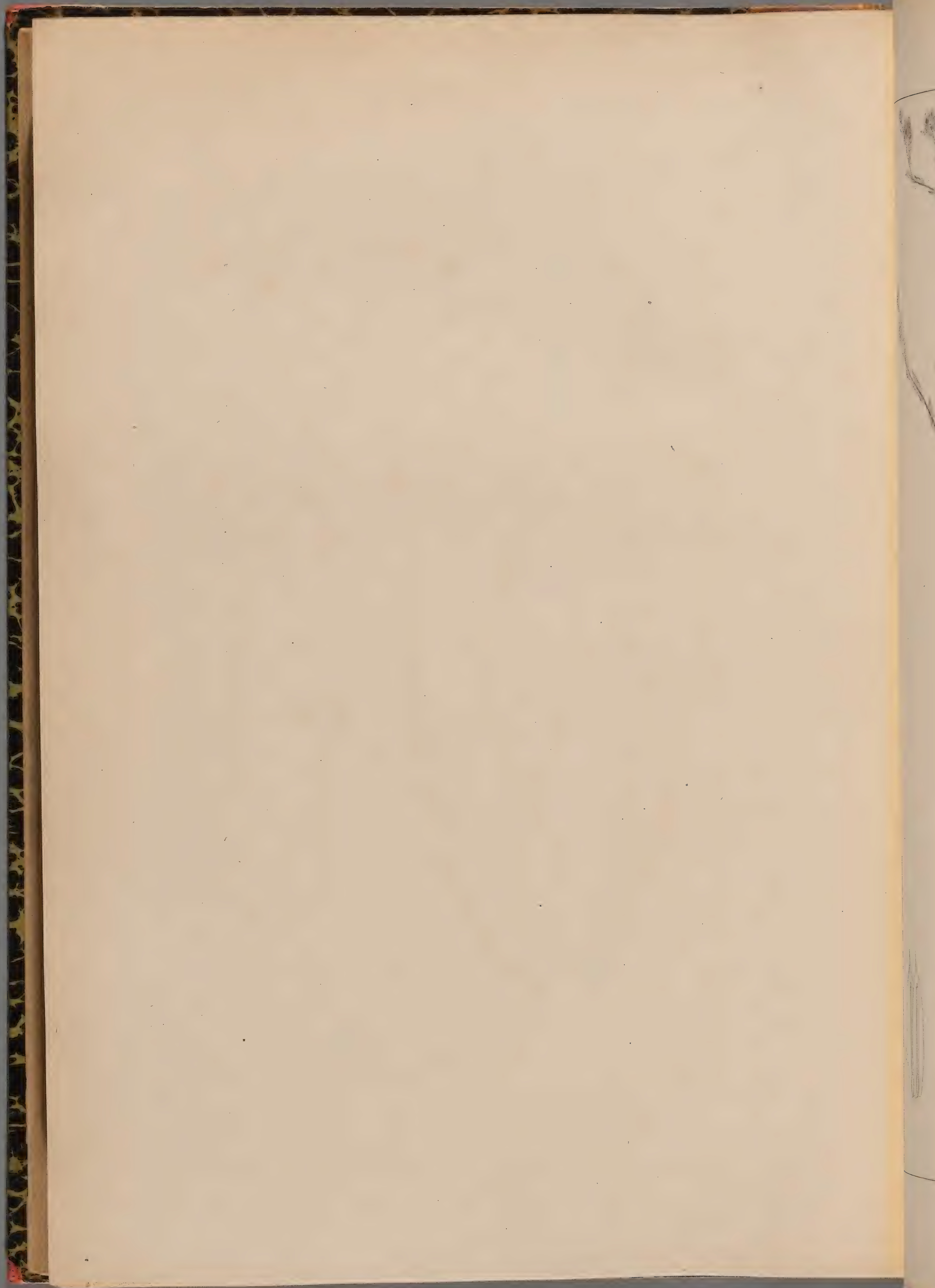




FILAGO SPATHULATA. PRESL. ①

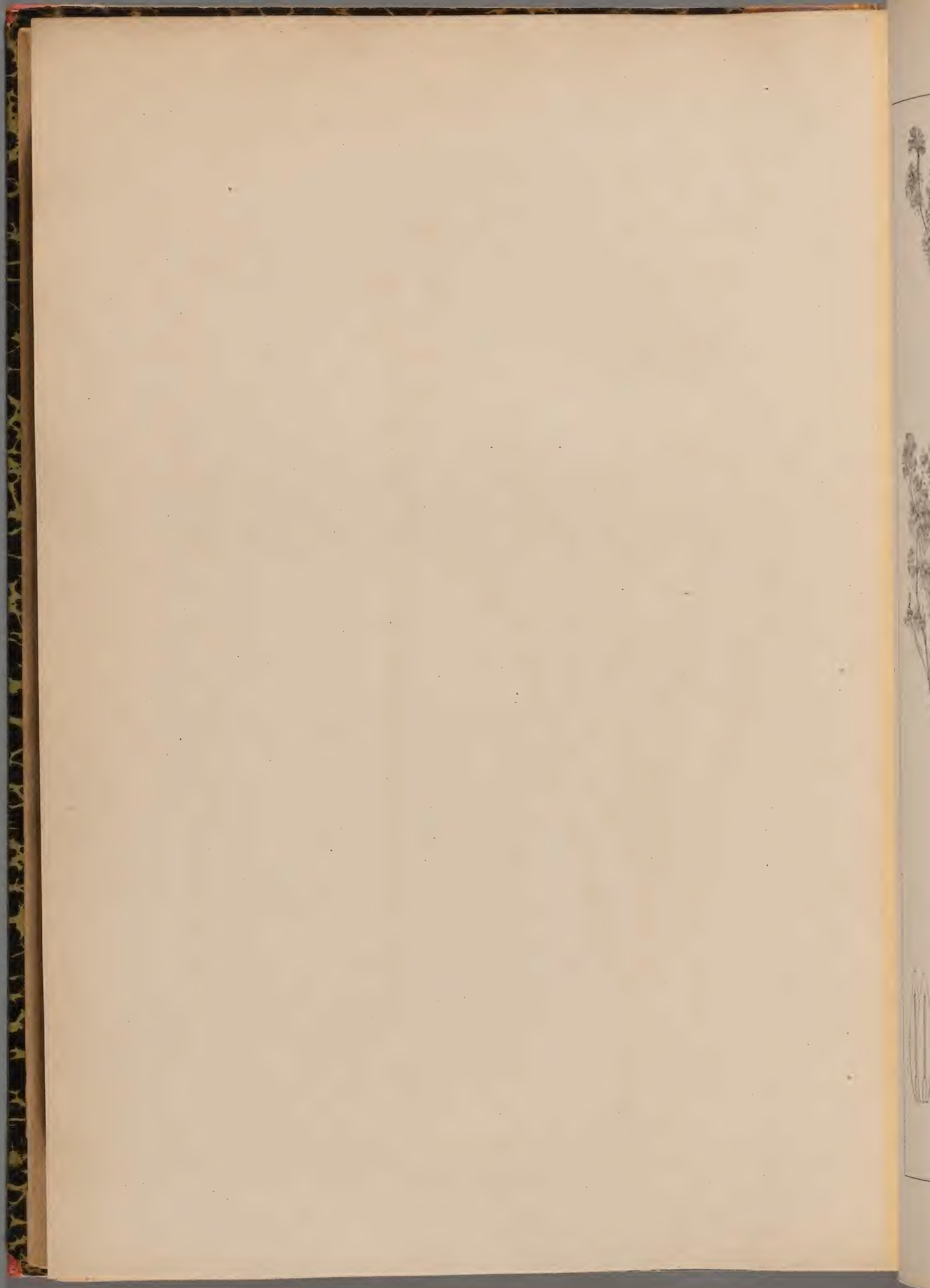


F . GERMANICA . L. ①



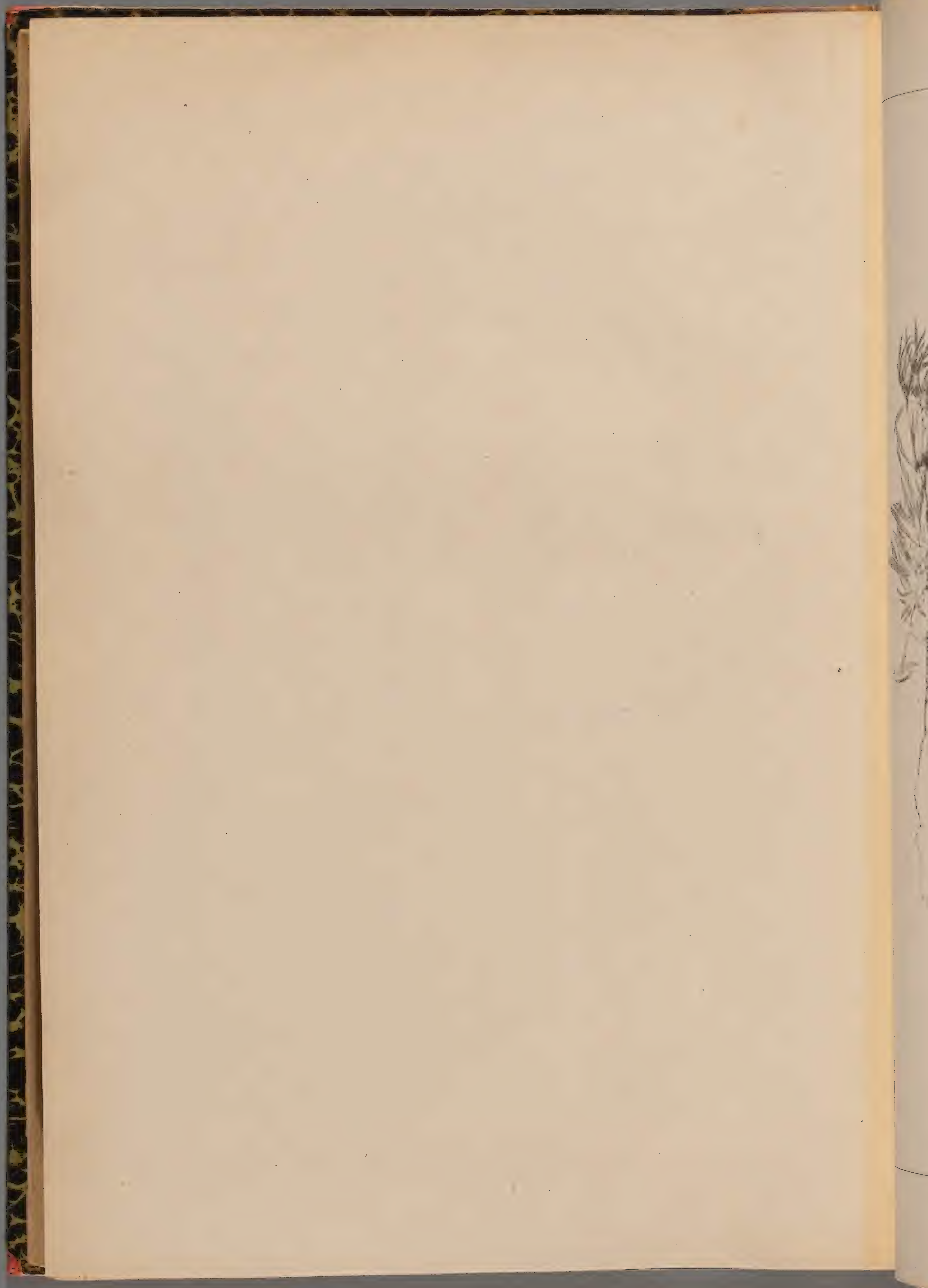


F. ERIOCEPHALA. GUSS. ①



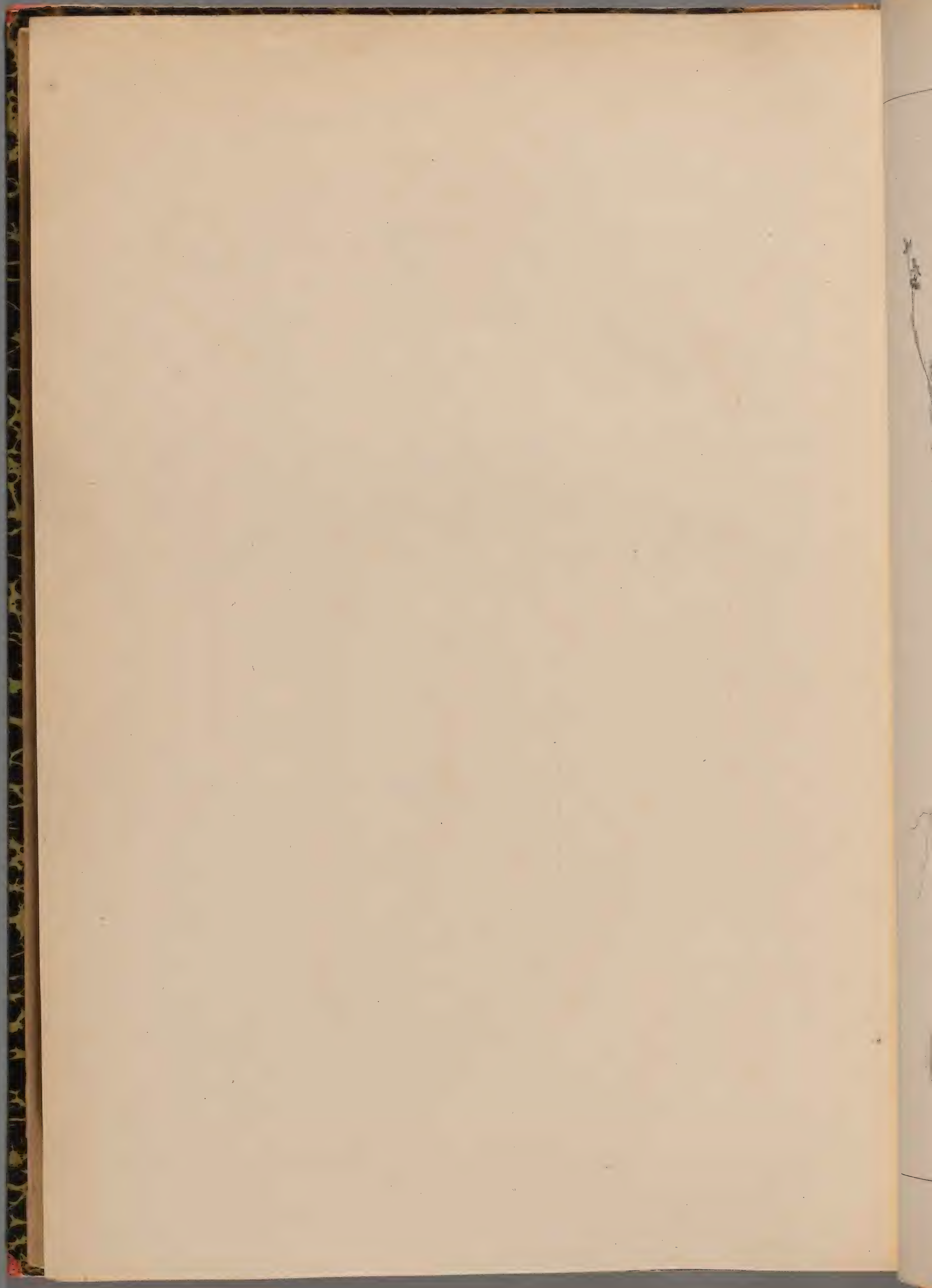


F. ARVENSIS. L. ①



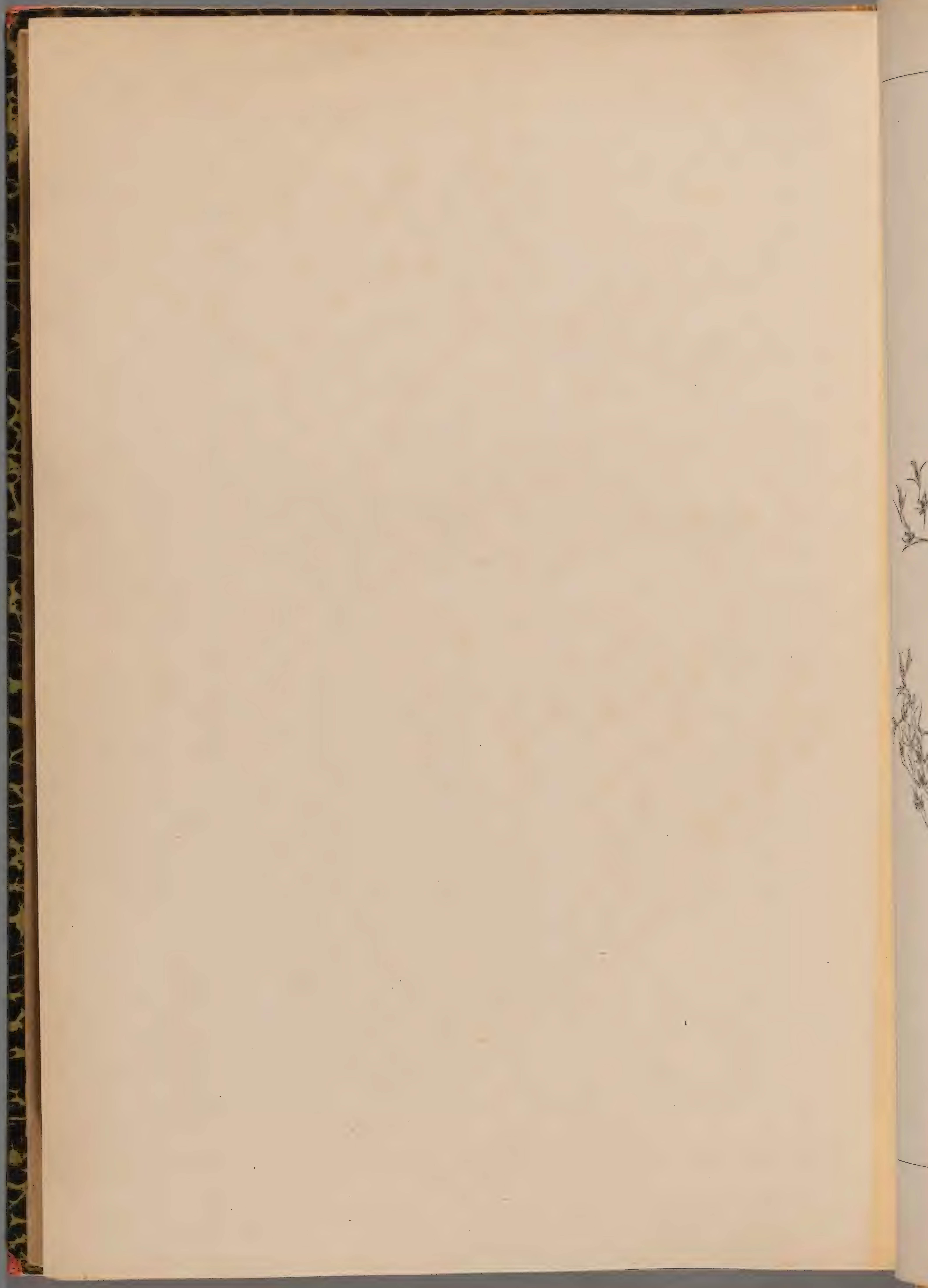


F. NEGLECTA. D. C. ①



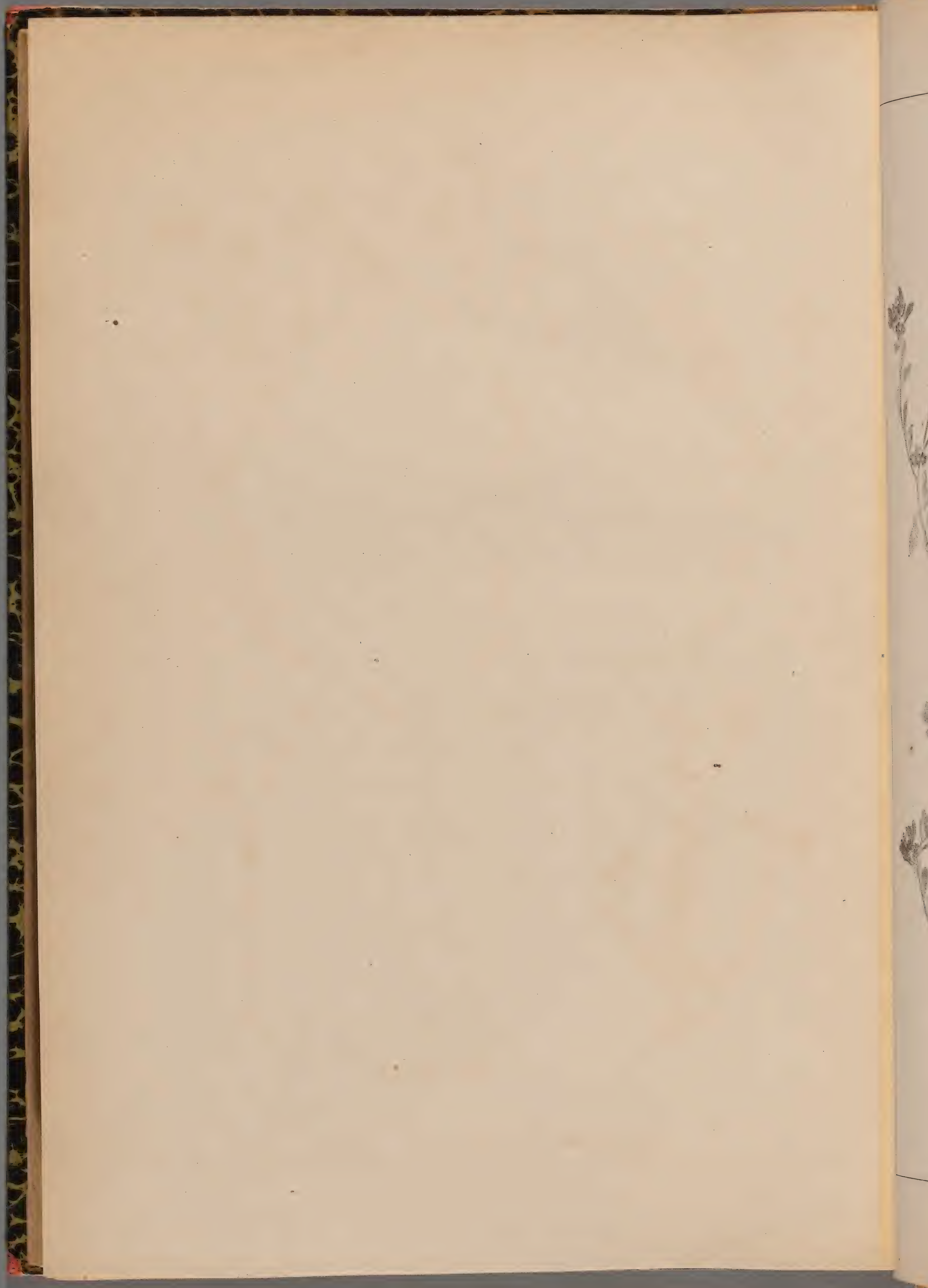


F. minima. Fries. ①





LOGFIA SUBULATA. CASS. ①





MICROPUS ERECTUS. L. ①



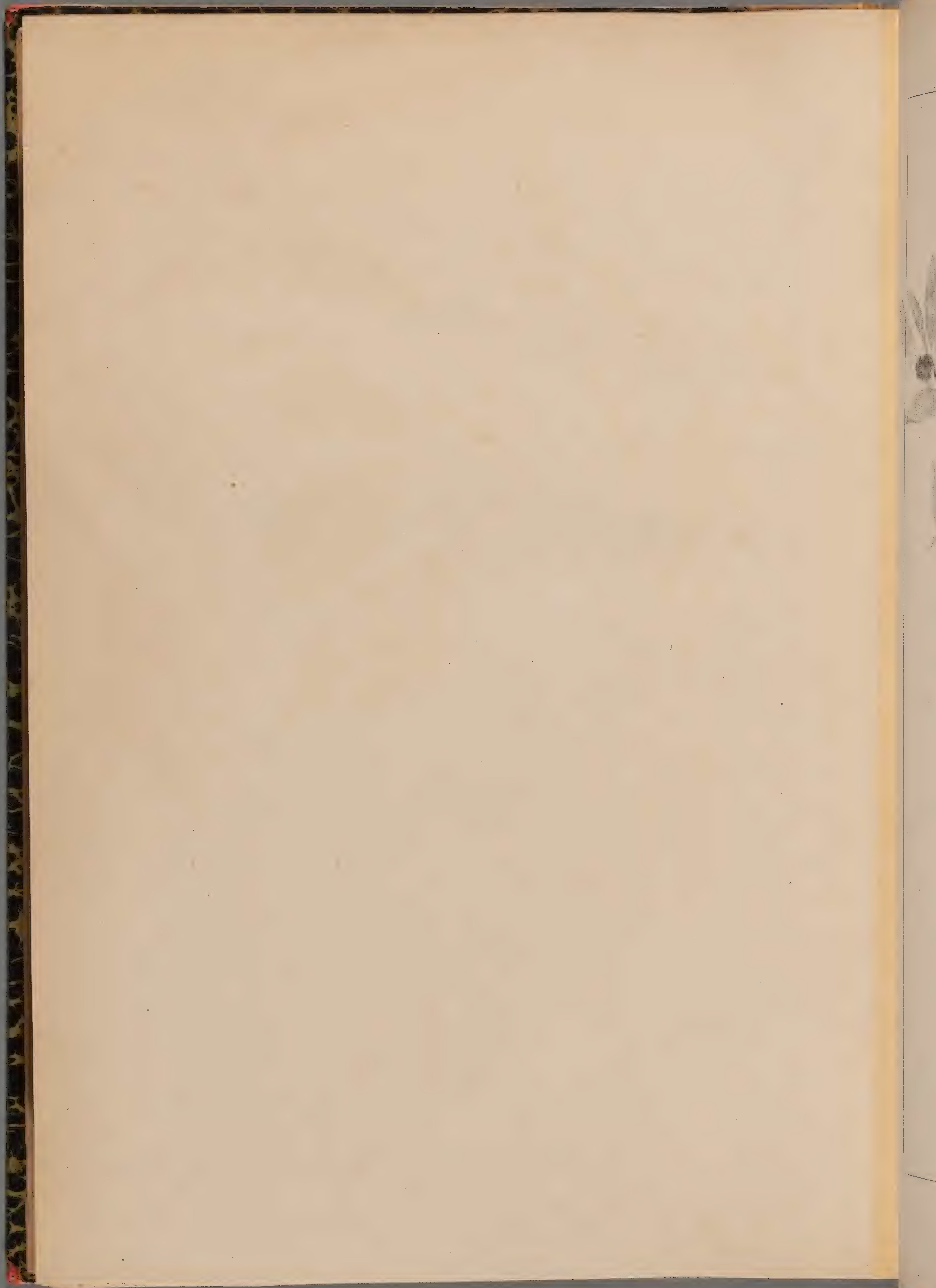
M. BOMBYCINUS. LEJ. ①



EVAX PYGMÆA. PERS. ①



E. ROTUNDATA. MORIS. ①





CARPESIUM CERNUUM. L. ♃



Calendula arvensis. L. ①

